

Access DB# 93714

## SEARCH REQUEST FORM

**Scientific and Technical Information Center**

Requester's Full Name: NIRMAL S. BAS. Examiner #: 7453D Date: 5/9/03  
 Art Unit: 1646 Phone Number 3089435 Serial Number: 09/804472  
 Mail Box and Bldg/Room Location: CM 10E17 Results Format Preferred (circle): PAPER DISK E-MAIL  
mail room 10 D19

**If more than one search is submitted, please prioritize searches in order of need.**

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Isolated human Transporter proteins. --  
Inventors (please provide full names): SH. AD. WANI et al.

Earliest Priority Filing Date: 1/17/2001

**\*For Sequence Searches Only\*** Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Heard Scott

850.0 NO: 122

Please search commercial database + issued patents  
+ interference search

RECEIVED

May-9 2005

CHEN,  
(STIC)

Point of Contact:  
Thomas G. Larson, Ph.D.  
703-308-7309  
CM1, Rm. 6 B.01

**STAFF USE ONLY**

Point of Contact:  
Searcher: Thomas G. Larson, Ph.D.  
703-308-7309  
Searcher Phone #: CM1, Rm. 680

Searcher Location: 704

Date Searcher Picked Up: 5/9

Date Completed: 5/16

Searcher Prep & Review Time: 15

Clerical Prep Time:

Online Time: 10

### Type of Search

NA Sequence (#) 1AA Sequence (#) 1

Structure (#) \_\_\_\_\_

Bibliographic \_\_\_\_\_

**Litigation** \_\_\_\_\_

## Fulltext

### Patent Family

Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_

**Dialog** \_\_\_\_\_

Questel/Orbit

Dr.Link \_\_\_\_\_

Lexis/Nexis

## Sequence Systems

WWW/Internet

Other (specify) \_\_\_\_\_

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
CHLORIDE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	697836
CHLORIDES.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	68729
CHANNEL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1062501
CHANNELS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	520476
TRANSPORT\$3	0
TRANSPORT.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	498667
TRANSPORTA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	64
TRANSPORTAB.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
TRANSPORTABE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
TRANSPORTADO.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
TRANSPORTAGE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	6
(CHLORIDE WITH CHANNEL WITH TRANSPORT\$3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	234

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Search:

L12

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

**DATE:** Monday, June 02, 2003   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	chloride with channel with transport\$3	234	<u>L12</u>
<u>L11</u>	L10 and l7	11	<u>L11</u>
<u>L10</u>	L9 and chloride channel	57	<u>L10</u>
<u>L9</u>	beasley-ellen-m.in.	293	<u>L9</u>
<u>L8</u>	francesco-valentina-di.in.	0	<u>L8</u>
<u>L7</u>	merkulov-gennady-v.in.	42	<u>L7</u>
<u>L6</u>	fredrick-wei-shao.in.	0	<u>L6</u>
<u>L5</u>	fredrick-wei shao.in.	0	<u>L5</u>
<u>L4</u>	wei shao-fredrick.in.	0	<u>L4</u>
<u>L3</u>	wei-shao-fredrick.in.	0	<u>L3</u>
<u>L2</u>	fredrick-wei shao-in.	0	<u>L2</u>
<u>L1</u>	fredrick-wei-shao-in.	0	<u>L1</u>

END OF SEARCH HISTORY

FILE 'MEDLINE'  
FILE 'JAPFO'  
FILE 'BIOSIS'  
FILE 'SCISEARCH'  
FILE 'WIDS'  
FILE 'CAPLUS'  
FILE 'EMBASE'  
=> s chloride and channel and (transporter or transport# or transporting)  
L1 674 CHLORIDE AND CHANNEL AND (TRANSPORTER OT TRANSPORT#  
OR TRANSPORT  
(NG)

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 519 DUP REM L1 (155 DUPLICATES REMOVED)

=> d l2 ibib 1-674

L2 ANSWER 1 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:320041 CAPLUS  
DOCUMENT NUMBER: 138:335903  
TITLE: Identification of genes expressed in skeletal muscle associated with abnormal glucose tolerance for diagnosis of type 2 diabetes mellitus using microarrays  
INVENTOR(S): Lindgren, Cecilia M.; Hirschhorn, Joel N.; Tamayo, Pablo; Daly, Mark J.; Lander, Eric S.; Altshuler, David M.  
PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA; The General Hospital Corporation; University of Lund  
SOURCE: PCT Int. Appl., 54 pp., CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003033676	A2	20030424	WO 2002-US33524	20021017
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2001-330147P	P 20011017

L2 ANSWER 2 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:221864 CAPLUS  
DOCUMENT NUMBER: 138:349732  
TITLE: Gene expression profiling for identification of disease genes for use in drug screening and therapy  
INVENTOR(S): Bristow, Michael R.; Minobe, Wayne A.; Lowes, Brian D.; Perryman, Benjamin M.  
PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA  
SOURCE: PCT Int. Appl., 74 pp., CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003023066	A1	20030320	WO 2002-US28808	20020911
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003096782	A1	20030522	US 2002-241368	20020911
PRIORITY APPLN. INFO.:			US 2001-318854P	P 20010911
REFERENCE COUNT:	6		THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS	
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 3 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:97550 CAPLUS  
DOCUMENT NUMBER: 138:164674  
TITLE: Molecular markers for hepatocellular carcinoma and their use in diagnosis and therapy  
INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan  
PATENT ASSIGNEE(S): Germany  
SOURCE: PCT Int. Appl., 98 pp., CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10136273	A1	20030213	DE 2001-10136273	20010725
PRIORITY APPLN. INFO.:			DE 2001-10136273 A	20010725

L2 ANSWER 4 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:97279 CAPLUS  
DOCUMENT NUMBER: 138:132255  
TITLE: Differentially expressed gene and protein markers

for identification, assessment, prevention, and therapy of prostate cancer  
INVENTOR(S): Schlegel, Robert; Monahan, John E.; Endege, Wilson O.; Gannavarapu, Manjula; Gorbacheva, Bella; Hoersch, Sebastian; Kamathar, Shubhangi; Wanson, Angela M.; Glatt, Karen; Zhao, Xumei; Anderson, Dustin  
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 99 pp., CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003009814	A2	20030206	WO 2002-US23913	20020725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2001-307982P	P 20010725
			US 2001-314356P	P 20010822
			US 2001-325020P	P 20010925
			US 2001-341746P	P 20011212
			US 2002-362158P	P 20020305

L2 ANSWER 5 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:76983 CAPLUS  
DOCUMENT NUMBER: 138:148639  
TITLE: Comparison of protein or gene expression patterns of blood cells obtained by microarray to injury database to assess injury  
INVENTOR(S): Sharp, Frank R.; Tang, Yang; Lu, Aigang  
PATENT ASSIGNEE(S): University of Cincinnati, USA  
SOURCE: PCT Int. Appl., 126 pp., CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003008647	A2	20030130	WO 2001-US44278	20011128
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2000-253568P	P 20001128

L2 ANSWER 6 OF 519 MEDLINE  
ACCESSION NUMBER: 2003143353 MEDLINE  
DOCUMENT NUMBER: 22526680 PubMed ID: 12519768  
TITLE: Functional expression and characterization of an archaeal aquaporin. AqpM from methanothermobacter marburgensis.  
AUTHOR: Kozono David; Ding Xiaodong; Iwasaki Ikuo; Meng Xianying; Kamagata Yoichi; Agre Peter; Kitagawa Yoshichika  
CORPORATE SOURCE: Department of Biological Chemistry, The Johns Hopkins University School of Medicine, Baltimore, Maryland 21205-2185, USA.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2003 Mar 21) 278 (12) 10649-56.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200305  
ENTRY DATE: Entered STN: 20030328  
Last Updated on STN: 20030506  
Entered Medline: 20030505

L2 ANSWER 7 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:82696 CAPLUS  
DOCUMENT NUMBER: 138:348937  
TITLE: Transmembrane Domain 1 of the gamma-Aminobutyric Acid Transporter GAT-1 Plays a Crucial Role in the Transition between Cation Leak and Transport Modes  
AUTHOR(S): Kanner, Baruch I.  
CORPORATE SOURCE: Hadassah Medical School, Department of Biochemistry, Hebrew University, Jerusalem, 91120, Israel  
SOURCE: Journal of Biological Chemistry (2003), 278(6), 3705-3712  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 519 MEDLINE  
ACCESSION NUMBER: 2003139914 IN-PROCESS  
DOCUMENT NUMBER: 22541780 PubMed ID: 12654897  
TITLE: Regulation of L-alanine transport systems A and ASC by cyclic AMP and calcium in a reptilian duodenal model  
AUTHOR: Gomez Tomas; Medina Virudess; Ramirez Cristina M; Dopido Rosa; Lorenzo Antonio; Diaz Mario  
CORPORATE SOURCE: Laboratorio de Fisiologia Animal, Departamento de Biologia Animal, Universidad de La Laguna, 38206 Tenerife, Spain.  
SOURCE: JOURNAL OF EXPERIMENTAL BIOLOGY, (2003 May) 206 (Pt 9) 1589-98.  
Journal code: 0243705. ISSN: 0022-0949.  
PUB. COUNTRY: England; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals  
ENTRY DATE: Entered STN: 20030326  
Last Updated on STN: 20030326

L2 ANSWER 9 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003126573 EMBASE  
TITLE: Altered polarity and expression of H(+)-ATPase without ultrastructural changes in kidneys of Den's disease patients.  
AUTHOR: Moulin P.; Igashiri T.; Van Der Smitten P.; Cosyns J.-P.; Verroust P.; Thakker R.V.; Scheinman S.J.; Courtney P.J.; Devuyt O.  
CORPORATE SOURCE: Dr. O. Devuyt, Division of Nephrology, UCL Medical School, 10, Avenue Hippocrate, B-1200 Brussels, Belgium.  
devuyt@nefr.ucl.ac.be  
SOURCE: Kidney International, (1 Apr 2003) 63/4 (1285-1295).  
Refs: 35  
ISSN: 0085-2538 CODEN: KDVIAS  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 028 Urology and Nephrology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 10 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003082028 EMBASE  
TITLE: Inactivation of sodium-\*\*\*transporting\*\*\* proteins in the kidney.  
AUTHOR: Rubera I.; Rossier B.C.; Hummler E.  
CORPORATE SOURCE: E. Hummler, Inst. Pharmacologie/de Toxicologie, Universite de Lausanne, Rue du Bugnon 27, 1005 Lausanne, Switzerland.  
ehummler@pop-server.unil.ch  
SOURCE: Pflügers Archiv European Journal of Physiology, (1 Jan 2003) 445/4 (463-469).  
Refs: 65  
ISSN: 0031-6768 CODEN: PFLABK  
COUNTRY: Germany  
DOCUMENT TYPE: Journal; Conference Article  
FILE SEGMENT: 022 Human Genetics  
028 Urology and Nephrology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 11 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003082027 EMBASE  
TITLE: The CIC-5 \*\*\*chloride\*\*\* \*\*\*channel\*\*\* knock-out mouse - An animal model for Dent's disease.  
AUTHOR: Gunther W.; Piwon N.; Jentsch T.J.  
CORPORATE SOURCE: W. Gunther, Klinik für Neurochirurgie, Universitätsklinikum Lubeck, Ratzeburger Allee 160, 23538 Lubeck, Germany.  
Willy.Guenther@medinf.mu-luebeck.de  
SOURCE: Pflügers Archiv European Journal of Physiology, (1 Jan 2003) 445/4 (456-462).  
Refs: 48  
ISSN: 0031-6768 CODEN: PFLABK  
COUNTRY: Germany  
DOCUMENT TYPE: Journal; Conference Article  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
028 Urology and Nephrology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 12 OF 519 MEDLINE  
ACCESSION NUMBER: 2003046926 MEDLINE  
DOCUMENT NUMBER: 22443987 PubMed ID: 12556361  
TITLE: Control of epithelial transport via luminal P2 receptors.  
AUTHOR: Leipziger Jens  
CORPORATE SOURCE: Department of Physiology, The Water and Salt Research Center, Aarhus University, 8000 Aarhus C, Denmark..  
leip@fi.au.dk  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. RENAL PHYSIOLOGY, (2003 Mar) 284 (3) F419-32. Ref: 164  
Journal code: 100901990. ISSN: 0363-6127.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200303  
ENTRY DATE: Entered STN: 20030313  
Last Updated on STN: 20030313  
Entered Medline: 20030312

L2 ANSWER 13 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003023201 EMBASE  
TITLE: Evidence for structural integrity in the undecameric c-rings isolated from sodium ATP synthases.  
AUTHOR: Meier T.; Matthay U.; Von Ballmoos C.; Vonck J.; Krug von Nidda T.; Kuhlbrandt W.; Dimroth P.  
CORPORATE SOURCE: P. Dimroth, ETH-Zentrum, Institut für Mikrobiologie, Eidgenössische Technische Hochschule, Schmelzbergstr. 7, CH-8092 Zurich, Switzerland. dimroth@micro.biol.ethz.ch  
SOURCE: Journal of Molecular Biology, (2003) 325/2 (389-397).  
Refs: 42  
ISSN: 0022-2836 CODEN: JMOBAK  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 14 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:51893 CAPLUS  
TITLE: Hypotonic-induced transport pathways in Xenopus laevis erythrocytes: taunine fluxes  
AUTHOR(S): Katz, U.; Lancaster, J.-A.; Ellory, J. C.  
CORPORATE SOURCE: Technion, Department of Biology, Israel Institute of Technology, Haifa, Israel  
SOURCE: Comparative Biochemistry and Physiology, Part A: Molecular & Integrative Physiology (2003), 134A(2), 355-363  
CODEN: CBPAB5; ISSN: 1095-6433  
PUBLISHER: Elsevier Science Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003458878 EMBASE  
TITLE: Detection of CIC-3 and CIC-5 in epididymal epithelium: Immunofluorescence and RT-PCR after LCM.

AUTHOR: Isnard-Bagnis C.; Da Silva N.; Beaulieu V.; Yu A.S.L.; Brown D.; Breton S.  
CORPORATE SOURCE: S. Breton, Massachusetts General Hospital East, Renal Unit, 149 13th St., Charlestown, MA 02129, United States. sbreton@receptor.mgh.harvard.edu  
SOURCE: American Journal of Physiology - Cell Physiology, (1 Jan 2003) 284(1) 53-1 (C220-C232). Refs: 56  
ISSN: 0363-6143 CODEN: AJPCDD  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 16 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2003:69980 CAPLUS  
DOCUMENT NUMBER: 138:314889  
TITLE: cDNA array identification of genes regulated in rat renal medulla in response to vasopressin infusion  
AUTHOR(S): Brooks, Heddwes L.; Ageloff, Shana; Kwon, Tae-Hwan; Brandt, William; Terris, James M.; Seth, Akhil; Michea, Luis; Nielsen, Soren; Fenton, Robert; Knepper, Mark A.  
CORPORATE SOURCE: Laboratory of Kidney and Electrolyte Metabolism, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, MD, 20892, USA  
SOURCE: American Journal of Physiology (2003), 284(1, Pt. 2), F218-F228  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 17 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003149670 EMBASE  
TITLE: Neurological aspects of osteopetrosis.  
AUTHOR: Steward C.G.  
CORPORATE SOURCE: C.G. Steward, BMT Unit, Royal Hospital for Children, Upper Maudlin St., Bristol. BS2 8BJ, United Kingdom. colin.steward@bristol.ac.uk  
SOURCE: Neuropathology and Applied Neurobiology, (2003) 29/2 (87-97). Refs: 96  
ISSN: 0305-1846 CODEN: NANEDL  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
022 Human Genetics  
033 Orthopedic Surgery  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 18 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2003-018588 [01] WPIDS  
CROSS REFERENCE: 2001-541358 [60]  
DOC. NO. NON-CPI: N2003-014435  
DOC. NO. CPI: C2003-004377  
TITLE: Validating the therapeutic or pharmacological potential of target molecules e.g. receptors by using a genetically modified animal which expresses a silent metal-ion site in a potential drug target.  
DERWENT CLASS: A96 B04 B05 D16 S03  
INVENTOR(S): LANGE, B H; RIST, O; SCHWARTZ, T W  
PATENT ASSIGNEE(S): (SEVE-N) 7TM PHARMA AS  
COUNTRY COUNT: 99  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2002054077 A2	20020711	(200301)*	EN	78	
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW					
MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ					
DE DK DM DC EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR					
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH					
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM					
ZW					

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2002054077 A2		WO 2001-DK867	20011221

PRIORITY APPLN. INFO: US 2001-280237P 20010330; WO 2000-EP13389 20001229; DK 2001-536 20010330

L2 ANSWER 19 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:977609 CAPLUS  
DOCUMENT NUMBER: 138:50922  
TITLE: Human cDNA sequences and their encoded proteins and diagnostic and therapeutic uses  
INVENTOR(S): Anderson, David W.; Guo, Xiaojia; Gusev, Vladimir Y.; Hermann, John L.; Li, Li; Mezes, Peter S.; Pena, Carol E. A.; Spaderna, Steven K.; Zhong, Mei  
PATENT ASSIGNEE(S): Curagen Corporation, USA  
SOURCE: PCT Int. Appl., 378 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102321 A2	20021227	WO 2002-US19522	20020618	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				

BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
PRIORITY APPLN. INFO.: US 2001-298994P P 20010618  
US 2001-299134P P 20010618  
US 2001-972446 A 20011004

L2 ANSWER 20 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:964607 CAPLUS  
DOCUMENT NUMBER: 138:23176  
TITLE: Method for gene expression profiling and kit for determining origin of tumors  
INVENTOR(S): Su, Andrew I.; Hampton, Garret M.  
PATENT ASSIGNEE(S): IRM LLC, Bermuda  
SOURCE: PCT Int. Appl., 70 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002101357 A2	20021219	WO 2002-US18628	20020610	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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PRIORITY APPLN. INFO.: US 2001-297277P P 20010610

L2 ANSWER 21 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:927185 CAPLUS  
DOCUMENT NUMBER: 138:24716  
TITLE: Preparation of azolocarboxylic acids useful as anti-diabetic and antitobesity agents  
INVENTOR(S): Cheng, Peter T.; Zhang, Hao; Hariharan, Narayanan  
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA  
SOURCE: PCT Int. Appl., 169 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096358 A2	20021205	WO 2002-US16633	20020523	
WO 2002096358 A3	20030327			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

US 2003092736 A1 20030515 WO 2002-153454 20020522  
PRIORITY APPLN. INFO.: US 2001-294380P P 20010530  
OTHER SOURCE(S): MARPAT 138:24716

L2 ANSWER 22 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:869083 CAPLUS  
DOCUMENT NUMBER: 137:381501  
TITLE: Protein-protein interaction domains of adipocyte proteins and method for screening for association-inhibiting drugs  
INVENTOR(S): Legrain, Pierre; Whiteside, Simon; Mao, Jen-Li; Khrebtukova, Irina; Luo, Shujun  
PATENT ASSIGNEE(S): Hybrigenics, Fr.; Lynx Therapeutics Inc.  
SOURCE: PCT Int. Appl., 232 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002090544 A2	20021114	WO 2002-EP6333	20020503	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-288885P P 20010504

L2 ANSWER 23 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:832908 CAPLUS  
DOCUMENT NUMBER: 137:347474  
TITLE: Ion \*\*\*channel\*\*\* microarrays for the determination of ion \*\*\*channel\*\*\* gene expression profiles and uses in drug and toxin screening and diagnostics  
INVENTOR(S): Jensen, Bo Skaaning; Madsen, Lars Siim; Jensen, Jens Bitsch; Kjaer, Katrine  
PATENT ASSIGNEE(S): Neurosearch A/S, Den.  
SOURCE: PCT Int. Appl., 53 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002086050 A2	20021031	WO 2002-DK253	20020418	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
PRIORITY APPLN. INFO.: DK 2001-635 A 20010420

L2 ANSWER 24 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:793663 CAPLUS  
DOCUMENT NUMBER: 137:321347  
TITLE: Human cDNA sequences and their encoded proteins and diagnostic and therapeutic uses  
INVENTOR(S): Decristofano, Marc F.; Padigara, Muralidhar; Miller, Charles; Tchemenev, Velizar; Zhong, Haihong; Zhong, Mei; Anderson, David; Ballinger, Robert; Gerlach, Valerie; Spytek, Kimberly A.; Rastelli, Luca; Kekuda, Ramesh; Guo, Xiaojia; Zerhusen, Bryan; Andrew, David; Mezes, Peter; Patturajan, Meera; Burgess, Catherine E.; Eisen, Andrew; Wolenc, Adam; Baumgartner, Jason; Shimkets, Richard A.; Gusev, Vladimir; Vernet, Corine A. M.; Taupier, Raymond J.; Pena, Carol; Shenoy, Suresh; Li, Li; Casman, Stacie; Boldog, Ferenc; Fernandes, Elma; Smithson, Glenna; Malyankar, Uriel; Tailon, Bruce; Liu, Xiaohong  
PATENT ASSIGNEE(S): Curagen Corporation, USA  
SOURCE: PCT Int. Appl., 672 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081517 A2	20021017	WO 2002-US2064	20020122	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-262922P P 20010119  
US 2001-263598P P 20010123  
US 2001-263799P P 20010124  
US 2001-264117P P 20010125  
US 2001-264139P P 20010125  
US 2001-264478P P 20010126  
US 2001-263511P P 20010130  
US 2001-272870P P 20010302  
US 2001-275927P P 20010314  
US 2001-275990P P 20010314  
US 2001-276449P P 20010315  
US 2001-277358P P 20010320  
US 2001-275151P P 20010323  
US 2001-278151P P 20010323  
US 2001-279857P P 20010329  
US 2001-285140P P 20010420  
US 2001-285141P P 20010420  
US 2001-287484P P 20010430  
US 2001-291701P P 20010517  
US 2001-296960P P 20010608  
US 2001-304353P P 20010710  
US 2001-304355P P 20010710  
US 2001-304866P P 20010712  
US 2001-311289P P 20010809  
US 2001-311975P P 20010813  
US 2001-312937P P 20010816  
US 2001-330227P P 20011018  
US 2001-334198P P 20011129

L2 ANSWER 25 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:793645 CAPLUS  
DOCUMENT NUMBER: 137:321346  
TITLE: Human cDNA sequences and their encoded proteins and diagnostic and therapeutic uses  
INVENTOR(S): Guo, Xiaojia; Kekuda, Ramesh; Miller, Charles E.; Malyankar, Uriel M.; Spytek, Kimberly A.; Patturajan, Meera; Liu, Xiaohong; Gusev, Vladimir Y.; Li, Li; Vernet, Corine A. M.; Zerhusen, Bryan D.; Gorman, Linda; Shenoy, Suresh G.; Pena, Carol E. A.; Smithson, Glenna; Burgess, Catherine E.; Gerlach, Valerie; Padigara, Muralidhar; Shimkets, Richard A.; Gangolli, Esha A.; Taupier, Raymond J., Jr.; Casman, Stacie J.; Ji, Weizhen; Anderson, David W.; Leite, Mario W.; Rastelli, Luca; Edinger, Shlomit R.; Stone, David J.; Macdougall, John R.; Rothenberg, Mark E.; Mazur, Ann; Millet, Isabelle; Peyman, John A.; Ellerman, Karen  
PATENT ASSIGNEE(S): USA  
SOURCE: PCT Int. Appl., 665 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 14  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002081498 A2	20021017	WO 2002-US10780	20020403	
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-281086P P 20010403  
US 2001-281136P P 20010403  
US 2001-281863P P 20010405  
US 2001-281906P P 20010405  
US 2001-282020P P 20010406  
US 2001-282950P P 20010410  
US 2001-282934P P 20010410  
US 2001-283512P P 20010412  
US 2001-283710P P 20010413  
US 2001-284234P P 20010417  
US 2001-285325P P 20010419  
US 2001-285381P P 20010420  
US 2001-285609P P 20010420  
US 2001-285748P P 20010423  
US 2001-285890P P 20010423

US 2001-286068P P 20010424  
US 2001-286292P P 20010425  
US 2001-287213P P 20010427  
US 2001-288257P P 20010502  
US 2001-294164P P 20010529  
US 2001-294484P P 20010530  
US 2001-298952P P 20010618  
US 2001-299237P P 20010619  
US 2001-299276P P 20010619  
US 2001-318750P P 20010912  
US 2001-324800P P 20010925  
US 2001-324802P P 20010925  
US 2001-325684P P 20010927  
US 2001-330143P P 20011017  
US 2001-332131P P 20011114

L2 ANSWER 26 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:736374 CAPLUS  
DOCUMENT NUMBER: 137:259633

TITLE: Protein-protein interactions of CLIC1 and diagnosis  
and treatment of proinflammatory immune response and  
other diseases

INVENTOR(S): Cimbara, Daniel M.; Heichman, Karen; Bartel, Paul L.

PATENT ASSIGNEE(S): Myriad Genetics, Inc, USA

SOURCE: PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002074919	A2 20020926	WO 2002-US8025 20020315
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
US 2002197626 A1 20021226 US 2002-98192 20020315		
PRIORITY APPLN. INFO.: US 2001-276037P P 20010316		

L2 ANSWER 27 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:716420 CAPLUS  
DOCUMENT NUMBER: 137:243160

TITLE: Human cDNA sequences and their encoded proteins and  
diagnostic and therapeutic uses

INVENTOR(S): Padigaru, Muralidharan; Stryker, Kimberly A.; Shenoy,

Suresh G.; Taupier, Raymond J.; Pena, Carol E. A.; Li, Li; Zerhusen, Bryan D.; Gusev, Vladimir; Ji, Weizhen; Gorman, Linda; Miller, Charles E.; Kekuda, Ramesh; Pattarajan, Meera; Gangolli, Esha; Vernet, Corine A. M.; Guo, Xiaojia; Tchernev, Velizar; Fernandez, Elma R.; Casman, Stacie J.; Malyanar, Uriel M.; Gerlach, Valerie; Liu, Yi; Anderson, David; Spaderna, Steven K.; Catterton, Elina; Burgess, Catherine; Leite, Mario; Zhong, Haihong; Alsobrook, John P., II; Lepley, Denise M.; Rieger, Daniel K.

PATENT ASSIGNEE(S): Curagen Corporation, USA

SOURCE: PCT Int. Appl., 1103 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002072757	A2 20020919	WO 2002-US6908 20020308
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
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WO 2002080669 A2 20021017 WO 2002-US5352 20020221		
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PRIORITY APPLN. INFO.: US 2001-274101P P 20010308		

US 2001-274194P P 20010308  
US 2001-274281P P 20010308  
US 2001-274322P P 20010308  
US 2001-274849P P 20010309  
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US 2001-275579P P 20010313  
US 2001-275601P P 20010313  
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US 2001-278894P P 20010326  
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US 2001-279036P P 20010327  
US 2001-279344P P 20010328  
US 2001-277338P P 20010330  
US 2001-279955P P 20010330  
US 2001-280233P P 20010330  
US 2001-280802P P 20010402  
US 2001-280822P P 20010402  
US 2001-280900P P 20010402  
US 2001-281194P P 20010404  
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US 2001-287424P P 20010430  
US 2001-288066P P 20010502  
US 2001-288342P P 20010503  
US 2001-288528P P 20010503  
US 2001-291190P P 20010515  
US 2001-291099P P 20010516  
US 2001-291240P P 20010516  
US 2001-294485P P 20010530  
US 2001-897830 A 20010629

L2 ANSWER 28 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:658295 CAPLUS

DOCUMENT NUMBER: 137:212221

TITLE: Rat toxicologically relevant genes and use in  
microarrays to evaluate toxicity of toxic agents

INVENTOR(S): Farris, Georgia; Hicklen, Samuel H.; Farr, Spencer B.

PATENT ASSIGNEE(S): Phase-i Molecular Toxicology, Inc., USA

SOURCE: PCT Int. Appl., 388 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002066682	A2 20020829	WO 2002-US2935 20020129
WO 2002066682 A3 20021219		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
PRIORITY APPLN. INFO.: US 2001-264933P P 20010129		
US 2001-308161P P 20010726		

L2 ANSWER 29 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:637801 CAPLUS

DOCUMENT NUMBER: 137:180780

TITLE: Collections of transgenic animal lines in which a  
subset of cells characterized by expression of an  
endogenous "characterizing" gene and uses

INVENTOR(S): Serafini, Tito Andrew

PATENT ASSIGNEE(S): Renovis, Inc, USA

SOURCE: PCT Int. Appl., 170 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002064749	A2 20020822	WO 2002-US4765 20020214
WO 2002064749 A3 20030320		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
US 2003051266 A1 20030313 US 2001-783487 20010214		
PRIORITY APPLN. INFO.: US 2001-783487 A 20010214		

L2 ANSWER 30 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:521969 CAPLUS

DOCUMENT NUMBER: 137:90000

TITLE: Protein-protein interactions in adipocyte cells and  
method for selecting modulators of these interactions

INVENTOR(S): Legrain, Pierre; Marullo, Stefano; Jockers, Ralf

PATENT ASSIGNEE(S): Hybrigenics, Fr.; Centre National De La Recherche

Scientifique

SOURCE: PCT Int. Appl., 125 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002053726	A2 20020711	WO 2001-EP15423 20011228
WO 2002053726 A3 20030313		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
US 2003040089 A1 20030227 US 2002-38010 20020102		
PRIORITY APPLN. INFO.: US 2001-259377P P 20010102		

L2 ANSWER 31 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:391522 CAPLUS

DOCUMENT NUMBER: 136:359583

TITLE: Bombesin receptor antagonists, and combinations with  
other agents, for the treatment of sexual dysfunction

INVENTOR(S): Gonzalez, Maria Isabel; Stock, Herman Thijis; Pinnock,

Robert Denham; Prichard, Martyn Olive; Wayman, Christopher Peter; Van der Graaf, Pieter Hadewijn; Naylor, Alisdair Mark; Higinbottom, Michael

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 225 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002040008	A2 20020523	WO 2001-GB5018 20011114
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WO 2002040008 A3 20020822

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
WO 2002040022 A1 20020523 WO 2000-GB4380 20001117  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
AU 2002023802 A5 20020527 AU 2002-23802 20011114  
PRIORITY APPLN. INFO.: WO 2000-GB4380 W 20001117  
GB 2001-9910 A 20010423  
GB 2001-11037 A 20010504  
WO 2001-GB5018 W 20011114  
OTHER SOURCE(S): MARPAT 136:359583

L2 ANSWER 32 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:185378 CAPLUS

DOCUMENT NUMBER: 136:212896

TITLE: Gene markers useful for detecting skin damage in  
response to ultraviolet radiation

INVENTOR(S): Blumenberg, Miroslav

PATENT ASSIGNEE(S): New York University School of Medicine, USA

SOURCE: PCT Int. Appl., 274 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002020849	A2 20020314	WO 2001-US28214 20010907
W: AU, CA, JP, SG		
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR		
AU 2001090699 A5 20020322 AU 2001-90699 20010907		
PRIORITY APPLN. INFO.: US 2000-231061P P 20000908		
WO 2001-US28214 W 20010907		

L2 ANSWER 33 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:185375 CAPLUS

DOCUMENT NUMBER: 136:212895

TITLE: Screening methods to identify compounds that modulate  
a gene expression response of a cell to ultraviolet  
radiation exposure

INVENTOR(S): Blumenberg, Miroslav

PATENT ASSIGNEE(S): New York University, USA

SOURCE: PCT Int. Appl., 459 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO. DATE
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WO 2002020846	A2 20020314	WO 2001-US28040 20010907
W: AU, CA, JP, SG		
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR		
US 2002090624 A1 20020711 US 2001-947870 20010906		
AU 2001090658 A5 20020322 AU 2001-90658 20010907		
PRIORITY APPLN. INFO.: US 2000-231454P P 20000908		
WO 2001-US28040 W 20010907		

L2 ANSWER 34 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:241282 CAPLUS

DOCUMENT NUMBER: 136:274335

TITLE: Single nucleotide polymorphisms found in human genes

INVENTOR(S): Cargill, Michele; Ireland, James S.; Lander, Eric S.

University, BMC, F11 SE-221 84 Lund, Sweden.  
enik.renstrom@mpfhy.lu.se  
SOURCE: Journal of Biological Chemistry, (26 Jul 2002) 277/30  
(26717-26720).  
Refs: 27  
ISSN: 0021-9258 CODEN: JBCHIA3  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 37 OF 519 MEDLINE  
ACCESSION NUMBER: 2002106154 MEDLINE  
DOCUMENT NUMBER: 21826436 PubMed ID: 11734556  
TITLE: The creatine kinase system is essential for optimal refill  
of the sarcoplasmic reticulum Ca2+ store in skeletal  
muscle.  
AUTHOR: de Groof Ad J C; Fransen Jack A M; Errington Rachel J;  
Willems Peter H G M; Wieringa Be; Koopman Werner J H  
CORPORATE SOURCE: Department of Cell Biology, Nijmegen Center for Molecular  
Life Sciences, University Medical Center St. Radboud,  
University of Nijmegen, 6500 HB Nijmegen, The Netherlands.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Feb 15) 277 (7)  
5275-84.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200203  
ENTRY DATE: Entered STN: 20020212  
Last Updated on STN: 20030105  
Entered Medline: 20020321

L2 ANSWER 38 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:252595 CAPLUS  
DOCUMENT NUMBER: 137:676  
TITLE: Targeting Cell Surface Receptors with  
Ligand-Conjugated Nanocrystals  
AUTHOR(S): Rosenthal, Sandra J.; Tomlinson, Ian; Adkins, Erika  
M.; Schroeter, Sally; Adams, Scott; Swafford, Laura;  
McBride, James; Wang, Yongqiang; DeFelice, Louis J.;  
Blakely, Randy D.  
CORPORATE SOURCE: Department of Chemistry and the Department of  
Pharmacology, Vanderbilt University School of  
Medicine, Vanderbilt University, Nashville, TN, 37235,  
USA  
SOURCE: Journal of the American Chemical Society (2002),  
124(17), 4586-4594  
CODEN: JACSAT; ISSN: 0002-7863  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:589312 CAPLUS  
DOCUMENT NUMBER: 137:364026  
TITLE: The superantigen gene *ypm* is located in an unstable  
chromosomal locus of *Yersinia pseudotuberculosis*  
AUTHOR(S): Carnoy, Christophe; Floquet, Stephanie; Marceau,  
Michael; Sebbane, Florent; Haentjens-Herwegh,  
Stephanie; Devalckenaere, Annie; Simonet, Michel  
CORPORATE SOURCE: Equipe Mixte Inserm E9919-Universite JE 2225-Institut  
Pasteur de Lille, Institut de Biologie de Lille,  
Faculte des Sciences Pharmaceutiques et Biologiques,  
Lille, F-59021, Fr.  
SOURCE: Journal of Bacteriology (2002), 184(16), 4489-4499  
CODEN: JOBAA Y; ISSN: 0021-9193  
PUBLISHER: American Society for Microbiology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002379206 EMBASE  
TITLE: Cytosolic pH and the inflammatory microenvironment modulate  
cell death in human neutrophils after phagocytosis.  
AUTHOR: Coakley R.J.; Taggart C.; McElvaney N.G.; O'Neill S.J.  
CORPORATE SOURCE: R.J. Coakley, Univ. of N. Carolina at Chapel Hill,  
CF/Pulmon. Res. and Treatment Center, Thurston-Bowles  
Building, Chapel Hill, NC 27516-7248, United States.  
ray\_coakley@med.unc.edu  
SOURCE: Blood, (1 Nov 2002) 100/9 (3383-3391).  
Refs: 45  
ISSN: 0006-4971 CODEN: BLOOAW  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 026 Immunology, Serology and Transplantation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 41 OF 519 MEDLINE  
ACCESSION NUMBER: 2002666920 MEDLINE  
DOCUMENT NUMBER: 22314536 PubMed ID: 12427597  
TITLE: PH-induced changes in calcium: functional consequences and  
mechanisms of action in guinea pig portal vein.  
AUTHOR: Smith R D; Eisner D A; Wray Susan  
CORPORATE SOURCE: Department of Physiology, The University of Liverpool,  
United Kingdom.. dsmith@liverpool.ac.uk  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. HEART AND  
CIRCULATORY  
PHYSIOLOGY, (2002 Dec) 283 (6) H2518-26.  
Journal code: 100901228. ISSN: 0363-6135.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200212  
ENTRY DATE: Entered STN: 20021113  
Last Updated on STN: 20021221  
Entered Medline: 20021220

L2 ANSWER 42 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:396056 CAPLUS  
DOCUMENT NUMBER: 137:119829  
TITLE: Gene expression profiling of testosterone and  
estradiol-17. beta.-induced prostatic dysplasia in

noble rats and response to the antiestrogen ICI  
182,780  
AUTHOR(S): Thompson, Christopher J.; Tam, Neville N. C.; Joyce,  
Jennifer M.; Leav, Irwin; Ho, Shuk-Mei  
CORPORATE SOURCE: Department of Surgery-Division of Urology, University  
of Massachusetts Medical School, Worcester, MA, 01655,  
USA  
SOURCE: Endocrinology (2002), 143(6), 2093-2105  
CODEN: ENDOAO; ISSN: 0013-7227  
PUBLISHER: Endocrine Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 66 THERE ARE 66 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002403544 EMBASE  
TITLE: Ion \*\*\*channels\*\*\* - membrane transport- integrative  
physiology: Atrial natriuretic peptide impairs the  
stimulatory effect of angiotensin II on H(+)-ATPase.  
AUTHOR: Oliveira-Souza M.; Malnic G.; Mello-Aires M.  
CORPORATE SOURCE: Dr. M. Mello-Aires, Department of Physiology, Instituto de  
Ciencias Biomedicas, University of Sao Paulo, Sao Paulo, SP  
05508-900, Brazil. mmaires@fisio.icb.usp.br  
SOURCE: Kidney International, (2002) 62/5 (1693-1699).  
Refs: 31  
ISSN: 0085-2538 CODEN: KDYIA5  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 028 Urology and Nephrology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 44 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:745799 CAPLUS  
DOCUMENT NUMBER: 138:33612  
TITLE: Dopamine transporter-mediated conductances increase  
excitability of midbrain dopamine neurons  
AUTHOR(S): Ingram, Susan L.; Prasad, Balakrishna M.; Amara, Susan  
G.  
CORPORATE SOURCE: Vollum Institute and Howard Hughes Medical Institute,  
Oregon Health & Science University, Portland, OR,  
97201, USA  
SOURCE: Nature Neuroscience (2002), 5(10), 971-978  
CODEN: NANEFN; ISSN: 1097-6256  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002118240 EMBASE  
TITLE: Genetic diseases of acid-base transporters.  
AUTHOR: Alper S.L.  
CORPORATE SOURCE: S.L. Alper, Beth Israel Deaconess Medical Center,  
Department of Medicine, Harvard Medical School, Boston, MA  
02215, United States. salper@caregroup.harvard.edu  
SOURCE: Annual Review of Physiology, (2002) 64/- (899-923).  
Refs: 133  
ISSN: 0066-4278 CODEN: ARPHAD  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 46 OF 519 MEDLINE  
ACCESSION NUMBER: 2002439311 MEDLINE  
DOCUMENT NUMBER: 22165314 PubMed ID: 12176745  
TITLE: Characterization of norepinephrine-evoked inward currents  
in interstitial cells isolated from the rabbit urethra.  
AUTHOR: Sergeant G P; Thornbury K D; McHale N G; Hollywood M A  
CORPORATE SOURCE: Smooth Muscle Group, Department of Physiology, The Queen's  
University of Belfast, United Kingdom.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. CELL PHYSIOLOGY,  
(2002 Sep)  
283 (3) C885-94.  
Journal code: 100901225. ISSN: 0363-6143.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200209  
ENTRY DATE: Entered STN: 20020829  
Last Updated on STN: 20020910  
Entered Medline: 20020909

L2 ANSWER 47 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:660540 CAPLUS  
DOCUMENT NUMBER: 137:182648  
TITLE: Urine-concentration and -dilution and aquaporins  
AUTHOR(S): Sasaki, Sei  
CORPORATE SOURCE: Homeostasis Medicine and Nephrology, Tokyo Medical and  
Dental University, Japan  
SOURCE: Horumon to Rinsho (2002), 50(8), 775-781  
CODEN: HORIAE; ISSN: 0045-7167  
PUBLISHER: Igaku no Sekaisha  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: Japanese  
L2 ANSWER 48 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:913992 CAPLUS  
DOCUMENT NUMBER: 138:149081  
TITLE: Synthetic membrane transporters  
AUTHOR(S): Boon, J. Middleton; Smith, Bradley D.  
CORPORATE SOURCE: Department of Chemistry and Biochemistry, University  
of Notre Dame, Notre Dame, IN, 46556, USA  
SOURCE: Current Opinion in Chemical Biology (2002), 6(6),  
749-756  
CODEN: COCBF4; ISSN: 1367-5931  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 49 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:963237 CAPLUS  
DOCUMENT NUMBER: 138:121050  
TITLE: Bidirectional \*\*\*chloride\*\*\* transporters in  
autosomal dominant polycystic kidney disease  
AUTHOR(S): Lebeau, Catherine; Hanaoka, Kazushige; Moore-Hoon,  
Marilyn L.; Guggino, William B.; Beauwens, Renaud;  
Devuyt, Olivier  
CORPORATE SOURCE: Department of Physiopathology, Universite Libre de  
Bruxelles, Brussels, Belg.  
SOURCE: Pfluegers Archiv (2002), 444(6), 722-731  
CODEN: PFLABK; ISSN: 0031-6768  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 50 OF 519 MEDLINE  
ACCESSION NUMBER: 2002182805 MEDLINE  
DOCUMENT NUMBER: 21868800 PubMed ID: 11879198  
TITLE: Evidence that cytosolic calcium increases are not  
sufficient to stimulate phospholipid scrambling in human  
T-lymphocytes.  
AUTHOR: Wurth Georgjeana A; Zweifach Adam  
CORPORATE SOURCE: Department of Physiology and Biophysics, University of  
Colorado Health Sciences Center, 4200 E. 9th Ave, Denver,  
CO 80262, U.S.A.  
CONTRACT NUMBER: AI 42964 (NIAID)  
SOURCE: BIOCHEMICAL JOURNAL, (2002 Mar 15) 362 (Pt 3) 701-8.  
Journal code: 2984726R. ISSN: 0264-6021.  
PUB. COUNTRY: England; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200204  
ENTRY DATE: Entered STN: 20020403  
Last Updated on STN: 20020420  
Entered Medline: 20020419

L2 ANSWER 51 OF 519 MEDLINE  
ACCESSION NUMBER: 2002491141 MEDLINE  
DOCUMENT NUMBER: 22239155 PubMed ID: 12351665  
TITLE: Microarray analysis of gene expression changes in aging in  
mouse submandibular gland.  
AUTHOR: Hiratsuka K; Kamino Y; Nagata T; Takahashi Y; Asai S;  
Ishikawa K; Abiko Y  
CORPORATE SOURCE: Department of Biochemistry, Nihon University School of  
Dentistry at Matsudo, Matsudo, Chiba, Japan.  
SOURCE: JOURNAL OF DENTAL RESEARCH, (2002 Oct) 81 (10) 679-82.  
Journal code: 03543433. ISSN: 0022-0345.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Dental Journals; Priority Journals  
ENTRY MONTH: 200210  
ENTRY DATE: Entered STN: 20020928  
Last Updated on STN: 20021026  
Entered Medline: 20021025

L2 ANSWER 52 OF 519 MEDLINE DUPLICATE 3  
ACCESSION NUMBER: 2002496843 MEDLINE  
DOCUMENT NUMBER: 22244932 PubMed ID: 12358153  
TITLE: Linkage analysis of twelve candidate gene loci regulating  
water and sodium metabolism and membrane ion transport in  
essential hypertension.  
AUTHOR: Chu Shao L; Zhu Ding L; Xiong Mo M; Wang Gu L; Zhang Wei Z;  
Zhou Hui F; Shen Di; Gao Ping J; Zhan Yi M; Jin Li  
CORPORATE SOURCE: Ruijin Hospital, Shanghai Institute of Hypertension, State  
Key Laboratory for Medical Genomics, Shanghai Second  
Medical University, PR China.  
SOURCE: HYPERTENSION RESEARCH, (2002 Jul) 25 (4) 635-9.  
Journal code: 9307690. ISSN: 0916-9636.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200303  
ENTRY DATE: Entered STN: 20021003  
Last Updated on STN: 20030319  
Entered Medline: 20030318

L2 ANSWER 53 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:574548 CAPLUS  
DOCUMENT NUMBER: 137:335660  
TITLE: Lung epithelial fluid transport and the resolution of  
pulmonary edema  
AUTHOR(S): Matthay, Michael A.; Folkesson, Hans G.; Clencij,  
Christine  
CORPORATE SOURCE: Cardiovascular Research Institute and Departments of  
Medicine and Anesthesia, University of California, San  
Francisco, CA, USA  
SOURCE: Physiological Reviews (2002), 82(3), 569-600  
CODEN: PHREA7; ISSN: 0031-9333  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 391 THERE ARE 391 CITED REFERENCES  
AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L2 ANSWER 54 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002339837 EMBASE  
TITLE: Elucidating the structural basis of membrane transport  
protein function: Light at the end of the \*\*\*channel\*\*\*  
?.  
AUTHOR: Yu A.S.L.  
CORPORATE SOURCE: A.S.L. Yu, Renal Division, Brigham and Women's Hospital, 77  
Avenue Louis Pasteur, Boston, MA 02115, United States.  
ayu@rics.bwh.harvard.edu  
SOURCE: Current Opinion in Nephrology and Hypertension, (2002) 11/5  
(523-526).  
Refs: 22  
ISSN: 1062-4821 CODEN: CNHYEM  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Editorial  
FILE SEGMENT: 004 Microbiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 55 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:717451 CAPLUS  
DOCUMENT NUMBER: 138:104156  
TITLE: Impaired urine concentration and absence of tissue  
ACE: involvement of medullary transport proteins  
AUTHOR(S): Klein, Janet D.; Le Quach, D.; Cole, Justin M.;  
Disher, Kevin; Mongiu, Anne K.; Wang, Xiaodan;  
Bernstein, Kenneth E.; Sands, Jeff M.  
CORPORATE SOURCE: Renal Division, Department of Medicine, Emory  
University School of Medicine, Atlanta, GA, 30322, USA  
SOURCE: American Journal of Physiology (2002), 283(3, Pt. 2),  
F517-F524  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 56 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:854733 CAPLUS  
DOCUMENT NUMBER: 138:268981  
TITLE: Identification of 30 protein species involved in  
replicative senescence and stress-induced premature  
senescence  
AUTHOR(S): Dierick, Jean-Francois; Kalume, Dario E.; Wenders,  
Frederic; Salmon, Michel; Dieu, Marc; Raes, Martine;  
Roepstorff, Peter; Toussaint, Olivier  
CORPORATE SOURCE: Department of Biology, Unit of Research on Cellular  
Biology (URBC), University of Namur (FUNDP), Namur,  
B-5000, Belg.  
SOURCE: FEBS Letters (2002), 531(3), 499-504  
CODEN: FEBLAL; ISSN: 0014-5793  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 57 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 2002:368573 BIOSIS  
DOCUMENT NUMBER: PREV200200368573  
TITLE: Characteristics of a proton leak mediated by the metal-ion  
transporter DCT1.  
AUTHOR(S): Mackenzie, Bryan (1); Ujwal, M. L. (1); Hediger, Matthias  
A. (1)  
CORPORATE SOURCE: (1) Membrane Biology Program, Brigham and Women's  
Hospital,  
77 Avenue Louis Pasteur, Boston, MA, 02115 USA  
SOURCE: FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A470.  
http://www.fasebj.org/. print.  
Meeting Info.: Annual Meeting of the Professional Research  
Scientists on Experimental Biology New Orleans, Louisiana,  
USA April 20-24, 2002  
ISSN: 0892-6638.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 58 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:89169 CAPLUS  
DOCUMENT NUMBER: 136:274493  
TITLE: Mechanism of action of methylmercury on in vivo  
striatal dopamine release. Possible involvement of  
dopamine transporter  
AUTHOR(S): Faro, L. R. F.; do Nascimento, J. L. M.; Alfonso, M.;  
Duran, R.  
CORPORATE SOURCE: Departamento de Fisiologia, UFPA, Centro de Ciencias  
Biologicas, Belem, PA, Brazil  
SOURCE: Neurochemistry International (2002), 40(5), 455-465  
CODEN: NEUIDS; ISSN: 0197-0186  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 59 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003139073 EMBASE  
DOCUMENT NUMBER: 137:2994  
TITLE: pH-dependent Ca(2+) binding to the F(0) c-subunit affects  
proton translocation of the ATP synthase from Synechocystis  
6803.  
AUTHOR: Van Walraven H.S.; Scholts M.J.C.; Zakharov S.D.;  
Kraayenhof R.; Dille R.A.  
CORPORATE SOURCE: H.S. Van Walraven, Department of Structural Biology, Vrije  
Universiteit Amsterdam, De Boelelaan 1085, 1081 HV  
Amsterdam, Netherlands. riek@bio.vu.nl  
SOURCE: Journal of Bioenergetics and Biomembranes, (2002) 34/6  
(455-464).  
Refs: 35  
ISSN: 0145-479X CODEN: JBBID4  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 60 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:15449 CAPLUS  
DOCUMENT NUMBER: 137:2994  
TITLE: Salt Stress and Hyperosmotic Stress Regulate the  
Expression of Different Sets of Genes in Synechocystis  
sp. PCC 6803  
AUTHOR(S): Kanesaki, Yu; Suzuki, Iwane; Allahkverdiev, Suleyman  
I.; Mikami, Koji; Murata, Norio  
CORPORATE SOURCE: Department of Regulation Biology, National Institute  
for Basic Biology, Okazaki, 444-8585, Japan  
SOURCE: Biochemical and Biophysical Research Communications  
(2002), 290(1), 339-348  
CODEN: BBRC9A; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 61 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:796336 CAPLUS  
DOCUMENT NUMBER: 138:163853  
TITLE: Synaptic anchoring of glycine receptors in developing  
collicular neurons under control of metabotropic

glutamate receptor activity  
AUTHOR(S): Meier, Jochen; Juetner, Rene; Kirischuk, Sergei;  
Grantly, Rosemarie  
CORPORATE SOURCE: Developmental Physiology, Johannes Mueller Institute,  
Humboldt University Medical School, Berlin, D-10117,  
Germany  
SOURCE: Molecular and Cellular Neuroscience (2002), 21(2),  
324-340  
CODEN: MOCNED; ISSN: 1044-7431  
PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 62 OF 519 MEDLINE  
ACCESSION NUMBER: 2002143317 MEDLINE  
DOCUMENT NUMBER: 21660256 PubMed ID: 11801367  
TITLE: ATP-independent anoxic activation of ATP-sensitive K+  
\*\*\*channels\*\*\* in dorsal vagal neurons of juvenile mice  
in situ.  
AUTHOR: Muller M; Brockhaus J; Ballanyi K  
CORPORATE SOURCE: II. Physiologisches Institut, Georg-August-Universitat  
Gottingen, Humboldtalle 23, D-37073 Gottingen, Germany.  
SOURCE: NEUROSCIENCE, (2002) 109 (2) 313-28.  
Journal code: 7605074. ISSN: 0306-4522.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200204  
ENTRY DATE: Entered STN: 20020307  
Last Updated on STN: 20020413  
Entered Medline: 20020412

L2 ANSWER 63 OF 519 MEDLINE  
ACCESSION NUMBER: 2002001882 MEDLINE  
DOCUMENT NUMBER: 21621645 PubMed ID: 11751318  
TITLE: Calsequestrin is an inhibitor of skeletal muscle ryanodine  
receptor calcium release \*\*\*channels\*\*\*  
AUTHOR: Beard Nicole A; Sakowska Magdalena M; Dulhunty Angela F;  
Laver Derek R  
CORPORATE SOURCE: Division of Biochemistry and Molecular Biology, John Curtin  
School of Medical Research, Australian National University,  
Canberra, ACT 0200, Australia.  
SOURCE: BIOPHYSICAL JOURNAL, (2002 Jan) 82 (1 Pt 1) 310-20.  
Journal code: 0370626. ISSN: 0006-3495.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200204  
ENTRY DATE: Entered STN: 20020102  
Last Updated on STN: 20020404  
Entered Medline: 20020403

L2 ANSWER 64 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:969703 CAPLUS  
DOCUMENT NUMBER: 138:297728  
TITLE: Coexistence and function of different neurotransmitter  
transporters in the plasma membrane of CNS neurons  
AUTHOR(S): Raizen, Luca; Raizen, Maurizio; Bonanno,  
Giambatista  
CORPORATE SOURCE: Department of Experimental Medicine, Pharmacology and  
Toxicology Section, University of Genoa, Genoa, Italy  
SOURCE: Progress in Neurobiology (Oxford, United Kingdom)  
(2002), 68(4), 287-309  
CODEN: PGNBA5; ISSN: 0301-0082  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 188 THERE ARE 188 CITED REFERENCES  
AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L2 ANSWER 65 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:861234 CAPLUS  
DOCUMENT NUMBER: 138:151421  
TITLE: Effect of mineralocorticoid deficiency on ion and urea  
transporters and aquaporin water \*\*\*channels\*\*\* in  
the rat  
AUTHOR(S): Ohara, Mamiko; Cadnapaphornchai, Melissa A.; Summer,  
Sandra N.; Falk, Sander; Yang, Jianhui; Togawa,  
Tatsuo; Schrier, Robert W.  
CORPORATE SOURCE: Department of Nephrology, Kameda Medical Center,  
Kamogawa City, Chiba, Japan  
SOURCE: Biochemical and Biophysical Research Communications  
(2002), 299(2), 285-290  
CODEN: BBRC9A; ISSN: 0006-291X  
PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 66 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 2002:580493 BIOSIS  
DOCUMENT NUMBER: PREV200200580493  
TITLE: Increased abundance of calcium \*\*\*transporting\*\*\*  
proteins and Na,K-ATPase in kidneys of mice lacking calcium  
\*\*\*channel\*\*\* beta3 subunits.  
AUTHOR(S): Magyar, Clara E. (1); Bernardo, Jose F.; Friedman, Peter A.  
(1)  
CORPORATE SOURCE: (1) Dept. of Pharmacology, University of Pittsburgh School  
of Medicine, Pittsburgh, PA, USA  
SOURCE: Journal of the American Society of Nephrology, (September,  
2002) Vol. 13, No. Program and Abstracts Issue, pp. 283A.  
http://www.jasn.org/. print.  
Meeting Info.: Meeting of the American Society of  
Nephrology Philadelphia, PA, USA October 30-November 04,  
2002 American Society of Nephrology  
ISSN: 1046-6673.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 67 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:511271 CAPLUS  
DOCUMENT NUMBER: 137:151220  
TITLE: Methylmercury accumulation and fluxes across the  
intestine of \*\*\*channel\*\*\* catfish, Ictalurus

punctatus  
AUTHOR(S): Leaner, Joy J.; Mason, Robert P.  
CORPORATE SOURCE: Chesapeake Biological Laboratory, University of  
Maryland Center for Environmental Science, Solomons,  
MD, 20688, USA  
SOURCE: Comparative Biochemistry and Physiology, Part C:  
Toxicology & Pharmacology (2002), 132C(2), 247-259  
CODEN: CBPPFK; ISSN: 1532-0456  
PUBLISHER: Elsevier Science Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 68 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:152718 CAPLUS  
DOCUMENT NUMBER: 137:57837  
TITLE: Regulation of dopamine quantal size in midbrain and  
hippocampal neurons  
AUTHOR(S): Pothos, Emmanuel N.  
CORPORATE SOURCE: Department of Pharmacology and Experimental  
Therapeutics and Neuroscience, Tufts University School  
of Medicine, Boston, MA, 02111, USA  
SOURCE: Behavioural Brain Research (2002), 130(1,2), 203-207  
CODEN: BBREDI; ISSN: 0166-4328  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 69 OF 519 MEDLINE DUPLICATE 4  
ACCESSION NUMBER: 20020420949 MEDLINE  
DOCUMENT NUMBER: 22165967 PubMed ID: 12177736  
TITLE: Characterization of salinity-tolerant mutant of Anabaena  
doliolum exhibiting multiple stress tolerance.  
AUTHOR: Singh Devendra P; Kshatriya Kavita  
CORPORATE SOURCE: Department of Microbiology, Dr. RML Avadh University,  
Faizabad-224001 (U.P.), India.  
SOURCE: CURRENT MICROBIOLOGY, (2002 Sep) 45 (3) 165-70.  
Journal code: 7808448. ISSN: 0343-8651.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200209  
ENTRY DATE: Entered STN: 20020815  
Last Updated on STN: 20020919  
Entered Medline: 20020918

L2 ANSWER 70 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2003034611 EMBASE  
TITLE: Calcium-induced ultrastructural interactions in  
adrenocorticoytes.  
AUTHOR: Kovai L.M.; Tokar S.L.; Yavorskaya E.N.; Lukyanetz E.A.  
CORPORATE SOURCE: E.A. Lukyanetz, Bogomolets Institute of Physiology, Natl.  
Academy of Sciences of Ukraine, Kyiv, Ukraine.  
elena@serv.biph.kiev.ua  
SOURCE: Neurophysiology, (2002) 34/2-3 (161-162).  
Refs: 7  
ISSN: 0090-2977 CODEN: NPHYBI  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Conference Article  
FILE SEGMENT: 003 Endocrinology  
029 Clinical Biochemistry  
037 Drug Literature Index  
002 Physiology  
001 Anatomy, Anthropology, Embryology and Histology  
030 Pharmacology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 71 OF 519 MEDLINE DUPLICATE 5  
ACCESSION NUMBER: 2002711493 MEDLINE  
DOCUMENT NUMBER: 22361664 PubMed ID: 12474079  
TITLE: Characterization of the taurine transport pathway in A6  
kidney cells.  
AUTHOR: Schmieder S; Soriant O; Brochiero E; Raschi C; Bogliolo S;  
Lindenthal S; Ehrenfeld J  
CORPORATE SOURCE: Laboratoire Jean Mautz, UMR 6078/CNRS, BP 68, 06238  
Villefranche-sur-Mer, France.  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (2002 Nov 15) 190 (2)  
145-58.  
Journal code: 0211301. ISSN: 0022-2631.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200305  
ENTRY DATE: Entered STN: 20021217  
Last Updated on STN: 20030522  
Entered Medline: 20030521

L2 ANSWER 72 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002184645 EMBASE  
TITLE: [Functions of the CIC \*\*\*chloride\*\*\* \*\*\*channels\*\*\*  
: Their implications in human pathology].  
FONCTION DES CANAUX CHLORURES DE LA FAMILLE CLC ET  
LEUR IMPLICATION EN PATHOLOGIE HUMAINE.  
AUTHOR: Vandewalle A  
CORPORATE SOURCE: Dr. A. Vandewalle, INSERM U478, Faculte medecine Xavier  
Bichat, BP 416, F-75870 Paris Cedex 18, France  
SOURCE: Nephrologie, (2002) 23/3 (113-118).  
Refs: 44  
ISSN: 0250-4960 CODEN: NEPHDY  
COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
022 Human Genetics  
028 Urology and Nephrology  
LANGUAGE: French  
SUMMARY LANGUAGE: English; French

L2 ANSWER 73 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:469984 CAPLUS  
DOCUMENT NUMBER: 137:260303  
TITLE: Kinetics of binding of [3H]glycine to transport  
proteins in \*\*\*channel\*\*\* catfish brain  
AUTHOR(S): Achterhof, Rebecca A.; Tunnickliff, Godfrey  
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology,  
Indiana University School of Medicine, Evansville, IN,





YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
AU 2001013397 A5 20010508 AU 2001-13397 20001020  
PRIORITY APPLN. INFO.: US 1999-161232P P 19991022  
US 2000-693783 A 20001019  
WO 2000-US29126 W 20001020

L2 ANSWER 84 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:831767 CAPLUS  
DOCUMENT NUMBER: 137:88421  
TITLE: Genetic polymorphisms in genes associated with drug  
metabolism and their use in selecting drug therapies  
INVENTOR(S): Stanton, Vincent; Zillmann, Martin  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 210 pp., Cont.-in-part of U.S.  
Ser. No. 710,467.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2001034023	A1	20011025	US 2000-733000	20001207
WO 2000050639	A2	20000831	WO 2000-US1392	20000120
WO 2000050639	A3	20020510		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, VZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 2001034023 A1 20011025 US 2000-733000 20001207 PRIORITY APPLN. INFO.: US 1999-131334P P 19990426 US 1999-139440P P 19990615 WO 2000-US1392 W 20000120 US 2000-696482 A2 20001024 US 2000-710467 A2 20001108 US 2000-733000 A 20001207 US 1999-121047P P 19990222 US 1999-357743 A 19990720				

L2 ANSWER 85 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:735288 CAPLUS  
DOCUMENT NUMBER: 136:35750  
TITLE: Effects of leptin deficiency and short-term repletion  
on hepatic gene expression in genetically obese mice  
AUTHOR(S): Ferrante, Anthony W., Jr.; Thearle, Marie; Liao, Ted;  
Leibel, Rudolph L.  
CORPORATE SOURCE: Department of Medicine, Naomi Berrie Diabetes Center,  
Columbia University College of Physicians and  
Surgeons, New York, NY, 10032, USA  
SOURCE: Diabetes (2001), 50(10), 2268-2278  
CODEN: DIAEAX; ISSN: 0012-1797  
PUBLISHER: American Diabetes Association  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 86 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2001227326 EMBASE  
TITLE: Priming of insulin granules for exocytosis by granular Cl-  
uptake and acidification.  
AUTHOR: Barg S.; Huang P.; Eliasson L.; Nelson D.J.; Obermuller S.;  
Rorsman P.; Thevenoud F.; Renstrom E.  
CORPORATE SOURCE: E. Renstrom, Department of Physiological Sciences, Lund  
University, Solvegatan 19, SE-223 62 Lund, Sweden.  
erik.renstrom@mphy.lu.se  
SOURCE: Journal of Cell Science, (2001) 114/11 (2145-2154).  
Refs: 36  
ISSN: 0021-9533 CODEN: JNCSAI  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 003 Endocrinology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 87 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:714171 CAPLUS  
DOCUMENT NUMBER: 136:289799  
TITLE: Insights into psoriasis and other inflammatory  
diseases from large-scale gene expression studies  
AUTHOR(S): Bowcock, Anne M.; Shannon, William; Du, Fenghe;  
Duncan, Jill; Cao, Kai; Aftergut, Kent; Catier,  
Jennifer; Fernandez-Vina, Marcelo A.; Menter, Alan  
CORPORATE SOURCE: Department of Internal Medicine and Departments of  
Genetics and Pediatrics, Washington University School  
of Medicine, St Louis, MO, 63110, USA  
SOURCE: Human Molecular Genetics (2001), 10(17), 1793-1805  
CODEN: HMGEE5; ISSN: 0964-6906  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 92 THERE ARE 92 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 88 OF 519 MEDLINE  
ACCESSION NUMBER: 2001162254 MEDLINE  
DOCUMENT NUMBER: 21160019 PubMed ID: 11259493  
TITLE: Differentiation induces up-regulation of plasma membrane  
Ca(2+)-ATPase and concomitant increase in Ca(2+) eflux in  
human neuroblastoma cell line IMR-32.  
AUTHOR: Usachev Y M; Toutenbofd S L; Goeliner G M; Strehler E E;  
Thayer S A  
CORPORATE SOURCE: Department of Pharmacology, University of Minnesota Medical  
School, Minneapolis 55455, USA., usach001@tc.umn.edu  
CONTRACT NUMBER: DA07097 (NIDA)  
DA07304 (NIDA)  
DA09293 (NIDA)  
DA11806 (NIDA)  
GM58710 (NIGMS)  
SOURCE: JOURNAL OF NEUROCHEMISTRY, (2001 Mar) 76 (6) 1756-65.  
Journal code: 29851908. ISSN: 0022-3042.  
PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200104  
ENTRY DATE: Entered STN: 20010417  
Last Updated on STN: 20010417  
Entered Medline: 20010412

L2 ANSWER 89 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:524500 CAPLUS  
DOCUMENT NUMBER: 137:58813  
TITLE: Effects of gallium and mercury ions on transport  
systems  
AUTHOR(S): Moschen, I.; Schweizer, K.; Wagner, C. A.;  
Geis-Gerstorfer, J.; Lang, F.  
CORPORATE SOURCE: Department of Physiology I, University of Tuebingen,  
Tuebingen, 72076, Germany  
SOURCE: Journal of Dental Research (2001), 80(8), 1753-1757  
CODEN: JDREAF; ISSN: 0022-0345  
PUBLISHER: International Association for Dental Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 90 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 2002:443070 BIOSIS  
DOCUMENT NUMBER: PREV200200443070  
TITLE: Evaluation of Na+K+2Cl- cotransport across the  
basolateral membrane in malpighian (renal) tubule cells of  
Rhodnius prolixus.  
AUTHOR(S): lanowski, J. P. (I); O'Donnell, M. J. (I)  
CORPORATE SOURCE: (1) McMaster University, Hamilton, ON Canada  
SOURCE: American Zoologist, (December, 2001) Vol. 41, No. 6, pp.  
1480-1481. print.  
Meeting Info.: Annual Meeting of the Society for  
Integrative and Comparative Biology Anaheim, California,  
USA January 02-06, 2002  
ISSN: 0003-1569.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 91 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2002212390 EMBASE  
TITLE: Characteristics and superoxide-induced activation of  
reconstituted myocardial mitochondrial ATP-sensitive  
potassium \*\*\*channels\*\*\*  
AUTHOR: Zhang D.X.; Chen Y.-F.; Campbell W.B.; Zou A.-P.; Gross  
G.J.; Li P.-L.  
CORPORATE SOURCE: Dr. P.-L. Li, Department of Pharmacology, Medical College  
of Wisconsin, 8701 Watertown Plank Rd, Milwaukee, WI 53226,  
United States. plil@mcw.edu  
SOURCE: Circulation Research, (7 Dec 2001) 89/12 (1177-1183).  
Refs: 38  
ISSN: 0009-7330 CODEN: CIRUAL  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 92 OF 519 MEDLINE DUPLICATE 6  
ACCESSION NUMBER: 2002178801 MEDLINE  
DOCUMENT NUMBER: 21909091 PubMed ID: 11911073  
TITLE: Regulation of the ion- \*\*\*transporting\*\*\*  
mitochondrion-rich cell during adaptation of teleost fishes  
to different salinities.  
AUTHOR: Sakamoto T; Uchida K; Yokota S  
CORPORATE SOURCE: Faculty of Integrated Arts and Sciences, Hiroshima  
University, Higashi-hiroshima 739-8521, Japan.,  
tatsuyasu@hiroshima-u.ac.jp  
SOURCE: ZOOLOGICAL SCIENCE, (2001 Dec) 18 (9) 1163-74. Ref: 172  
Journal code: 8702287. ISSN: 0289-0003.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200208  
ENTRY DATE: Entered STN: 20020326  
Last Updated on STN: 20020807  
Entered Medline: 20020806

L2 ANSWER 93 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:542882 CAPLUS  
DOCUMENT NUMBER: 135:254280  
TITLE: The wheat cDNA LCT1 generates hypersensitivity to  
sodium in a salt-sensitive yeast strain  
AUTHOR(S): Amtmann, Anna; Fischer, Marc; Marsh, Ellen L.;  
Stefanovic, Aleksandra; Sanders, Dale; Schachtman,  
Daniel P.  
CORPORATE SOURCE: Department of Biology, York, YO10 5YW, UK  
SOURCE: Plant Physiology (2001), 126(3), 1061-1071  
CODEN: PLPHAY; ISSN: 0032-0889  
PUBLISHER: American Society of Plant Physiologists  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 94 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:748998 CAPLUS  
DOCUMENT NUMBER: 136:18115  
TITLE: Aldosterone suppresses expression of an avian colonic  
sodium-glucose cotransporter  
AUTHOR(S): Lavery, Gary; Bjarnadottir, Sesselja; Elbrode, Vibeke  
S.; Amason, Sigvaldur S.  
CORPORATE SOURCE: Department of Biological Sciences, University of  
Delaware, Newark, DE, 19716, USA  
SOURCE: American Journal of Physiology (2001), 281(4, Pt. 2),  
R1041-R1050  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 95 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:936479 CAPLUS  
DOCUMENT NUMBER: 136:197417  
TITLE: Distribution of transcellular calcium and sodium  
transport pathways along mouse distal nephron  
AUTHOR(S): Loffing, Johannes; Loffing-Cueni, Dominique;  
Valderrabano, Victor; Klausli, Lea; Hebert, Steven C.;  
Rossier, Bernard C.; Hoenderop, Joost G. J.; Bindels,  
Rene J. M.; Kaissling, Brigitte  
CORPORATE SOURCE: Institute of Anatomy, University of Zurich, Zurich,  
CH-8057, Switz.  
SOURCE: American Journal of Physiology (2001), 281(6, Pt. 2),  
F1021-F1027  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 96 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2001156598 EMBASE  
TITLE: Ca(2+)-dependent exocytosis of L-glutamate by .alpha.TC6,  
clonal mouse pancreatic .alpha.-cells.  
AUTHOR: Yamada H.; Otsuka M.; Hayashi M.; Nakatsuka S.; Hamaguchi  
K.; Yamamoto A.; Moriyama Y.  
CORPORATE SOURCE: Department of Biochemistry, Faculty of  
Pharmaceutical Sciences, Okayama University, Okayama  
700-8530, Japan. moriyama@phcsant.pharm.okayama-u.ac.jp  
SOURCE: Diabetes, (2001) 50/5 (1012-1020).  
Refs: 56  
ISSN: 0012-1797 CODEN: DIAEAX  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 003 Endocrinology  
029 Clinical Biochemistry  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 97 OF 519 MEDLINE  
ACCESSION NUMBER: 2001226617 MEDLINE  
DOCUMENT NUMBER: 21095412 PubMed ID: 11181438  
TITLE: Mechanisms involved in SNP-induced relaxation and [Ca+ji  
reduction in piglet pulmonary and systemic arteries.  
AUTHOR: Cogoludo A L; Perez-Vizcaino F; Zaragoza-Amaez F; Ibarra  
M; Lopez-Lopez G; Lopez-Miranda V; Tamargo J  
CORPORATE SOURCE: Department of Pharmacology, Institute of Pharmacology and  
Toxicology (CSIC), School of Medicine, Universidad  
Complutense, 28040 Madrid, Spain., fperez@eucmax.sim.ucm.es  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (2001 Feb) 132 (4)  
959-67.  
Journal code: 7502536. ISSN: 0007-1188.  
PUB. COUNTRY: England; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200104  
ENTRY DATE: Entered STN: 20010502  
Last Updated on STN: 20010502  
Entered Medline: 20010426

L2 ANSWER 98 OF 519 MEDLINE DUPLICATE 7  
ACCESSION NUMBER: 2001554397 MEDLINE  
DOCUMENT NUMBER: 21458910 PubMed ID: 11574664  
TITLE: The effect of cAMP on ion transport in Fallopian tube  
epithelial cells in vitro.  
AUTHOR: Mahmood T; Djahanbakhsh O; Burleigh D; Puddefoot J R;  
Vinson G P  
CORPORATE SOURCE: Academic Department of Obstetrics and Gynaecology, St  
Bartholomew's and The Royal London School of Medicine, 4th  
Floor, Holland Wing, The Royal London Hospital,  
Whitechapel, London E1 1BB, UK.  
SOURCE: MOLECULAR HUMAN REPRODUCTION, (2001 Oct) 7 (10) 957-61.  
Journal code: 9513710. ISSN: 1360-9947.  
PUB. COUNTRY: England; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200202  
ENTRY DATE: Entered STN: 20011017  
Last Updated on STN: 20020202  
Entered Medline: 20020201

L2 ANSWER 99 OF 519 MEDLINE  
ACCESSION NUMBER: 2001245774 MEDLINE  
DOCUMENT NUMBER: 21214490 PubMed ID: 11314028  
TITLE: Evidence for a role of the sarcolemmal/endoplasmic  
reticulum Ca(2+)-ATPase in thapsigargin and Bcl-2 induced  
changes in Xenopus laevis oocyte maturation.  
AUTHOR: Kobrinsky E M; Kirchberger M A  
CORPORATE SOURCE: Department of Physiology and Biophysics, The Mount Sinai  
School of Medicine of New York University, New York, NY  
10029, USA.  
CONTRACT NUMBER: HL15764 (NHLBI)  
SOURCE: ONCOGENE, (2001 Feb 22) 20 (8) 933-41.  
Journal code: 8711562. ISSN: 0950-9232.  
PUB. COUNTRY: England; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200105  
ENTRY DATE: Entered STN: 20010517  
Last Updated on STN: 20010517  
Entered Medline: 20010510

L2 ANSWER 100 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:751343 CAPLUS  
DOCUMENT NUMBER: 136:67487  
TITLE: Effects of various ion transport inhibitors on the  
water response in the superior laryngeal nerve in rats  
AUTHOR(S): Hatanori, Takamitsu  
CORPORATE SOURCE: Department of Physiology, Miyazaki Medical College,  
Miyazaki, 889-1692, Japan  
SOURCE: Chemical Senses (2001), 26(7), 897-903  
CODEN: CHSEDH; ISSN: 0379-864X  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 101 OF 519 MEDLINE DUPLICATE 8  
ACCESSION NUMBER: 2001414156 MEDLINE  
DOCUMENT NUMBER: 21356362 PubMed ID: 11463630  
TITLE: PGE(2) activation of apical membrane Cl(-) \*\*\*channels\*\*\*  
in A6 epithelia: impedance analysis.  
AUTHOR: Paunescu T G; Helman S I  
CORPORATE SOURCE: Department of Molecular and Integrative Physiology,  
University of Illinois at Urbana-Champaign, Urbana,  
Illinois 61801, USA.  
CONTRACT NUMBER: DK30824 (NIDDK)  
SOURCE: BIOPHYSICAL JOURNAL, (2001 Aug) 81 (2) 852-66.  
Journal code: 0370626. ISSN: 0006-3495.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200110  
ENTRY DATE: Entered STN: 20011022  
Last Updated on STN: 20011022  
Entered Medline: 20011018

L2 ANSWER 102 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:341884 CAPLUS  
DOCUMENT NUMBER: 135:3304  
TITLE: Functional integrity of the vesicle  
\*\*\*transporting\*\*\* machinery is required for  
complete activation of CFTR expressed in Xenopus  
laevis oocytes  
AUTHOR(S): Weber, Wolf-Michael; Segal, Andrei; Simaels, Jeaninne;  
Vankerberghen, Anne; Cassiman, Jean-Jacques; Van  
Driessche, Willy  
CORPORATE SOURCE: Laboratory of Physiology, K. U. Leuven, Louvain, 3000,  
Belg.  
SOURCE: Pfluegers Archiv (2001), 441(6), 850-859  
CODEN: PFLABK; ISSN: 0031-6768  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 103 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:672472 CAPLUS  
DOCUMENT NUMBER: 135:51205  
TITLE: Effect of activators and blockers of the  
ligand-regulated Cl- \*\*\*channels\*\*\* on the  
sensitivity to \*\*\*chloride\*\*\* ions of microsomal  
Mg2+-ATPase of Bream brain (Abramovs brama L.)  
AUTHOR(S): Menzikov, S. A.; Menzikova, O. V.  
CORPORATE SOURCE: Inst. Biol. Vnur. Vod im. I. D. Pananina, RAN, Russia  
SOURCE: Doklady Akademii Nauk (2001), 378(6), 823-826  
CODEN: DAKNEQ; ISSN: 0869-5652  
PUBLISHER: MAIK Nauka  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 104 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:16642 CAPLUS  
DOCUMENT NUMBER: 136:399728  
TITLE: Blood genomic responses differ after stroke, seizures,  
hypoglycemia, and hypoxia: blood genomic fingerprints  
of disease  
AUTHOR(S): Tang, Yang; Lu, Aigang; Aronow, Bruce J.; Sharp, Frank  
R.  
CORPORATE SOURCE: Department of Neurology and Neuroscience Program,  
University of Cincinnati, Cincinnati, OH, 45267-0536,  
USA  
SOURCE: Annals of Neurology (2001), 50(6), 699-707  
CODEN: ANNEQ3; ISSN: 0364-5134  
PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 105 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2001439768 EMBASE  
TITLE: Pathways of the absicic acid hormonal signal transduction  
across the plant cell plasma membrane.  
AUTHOR: Ladyzhenskaya E.P.  
CORPORATE SOURCE: E.P. Ladyzhenskaya, Bach Institute of Biochemistry, Russian  
Academy of Sciences, Moscow 117071, Russian Federation.  
info@glas.apc.org  
SOURCE: Membrane and Cell Biology, (2001) 14/6 (699-713).  
Refs: 74  
ISSN: 1023-6597 CODEN: MCBIEB  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 029 Clinical Biochemistry  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 106 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:607460 CAPLUS  
DOCUMENT NUMBER: 135:301482  
TITLE: "Avian-type" renal medullary tubule organization  
causes immaturity of urine-concentrating ability in  
neonates  
AUTHOR(S): Liu, Wen; Morimoto, Tetsuji; Kondo, Yoshiaki; Iinuma,  
Kazuie; Uchida, Shinichi; Imai, Masashi  
CORPORATE SOURCE: Department of Pediatrics, Tohoku University School of  
Medicine, Miyagi, Japan  
SOURCE: Kidney International (2001), 60(2), 680-693  
CODEN: KDZIA5; ISSN: 0085-2538  
PUBLISHER: Blackwell Science, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 107 OF 519 MEDLINE  
ACCESSION NUMBER: 2001230757 MEDLINE  
DOCUMENT NUMBER: 21210823 PubMed ID: 11299329  
TITLE: ATP stimulates calcium-dependent glutamate release from  
cultured astrocytes.  
AUTHOR: Jeremic A; Jettinija K; Stevanovic J; Glavaski A; Jettinija  
S  
CORPORATE SOURCE: Department of Biomedical Sciences, Neuroscience Program,  
Iowa State University, Ames, USA.

SOURCE: JOURNAL OF NEUROCHEMISTRY, (2001 Apr) 77 (2) 664-75.  
Journal code: 2985190R. ISSN: 0022-3042.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200105  
ENTRY DATE: Entered STN: 20010521  
Last Updated on STN: 20010521  
Entered Medline: 20010517

L2 ANSWER 108 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:57920 CAPLUS  
DOCUMENT NUMBER: 136:359188  
TITLE: Hydrologic controls on groundwater salinization,  
Murray Basin, Australia  
AUTHOR(S): Swane, I. P.; Weaver, T. R.; Lawrence, C. R.;  
Cartwright, I.  
CORPORATE SOURCE: Hydrogeology & Environmental Research Group, School of  
Earth Sciences, University of Melbourne, Victoria,  
Australia  
SOURCE: Water-Rock Interaction, Proceedings of the  
International Symposium on Water-Rock Interaction,  
10th, Villasimius, Italy, June 10-15, 2001 (2001),  
Volume 1, 589-592. Editor(s): Cidu, Rosa. A. A.  
Balkema: Rotterdam, Neth.  
CODEN: 69CFJ3; ISBN: 90-2651-824-2  
DOCUMENT TYPE: Conference  
LANGUAGE: English  
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 109 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:667558 CAPLUS  
DOCUMENT NUMBER: 135:366808  
TITLE: Glutamate transporters combine transporter- and  
\*\*\*channel\*\*\* -like features  
AUTHOR(S): Slotboom, D. J.; Konings, W. N.; Lolkema, J. S.  
CORPORATE SOURCE: Groningen Biomolecular Sciences and Biotechnology  
Institute, Dept of Microbiology, University of  
Groningen, Haren, 9751 NN, Neth.  
SOURCE: Trends in Biochemical Sciences (2001), 26(9), 534-539  
CODEN: TBSCDB; ISSN: 0376-5067  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 110 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:178676 CAPLUS  
DOCUMENT NUMBER: 134:261461  
TITLE: Substrates and temperature differentiate ion flux from  
serotonin flux in a serotonin transporter  
AUTHOR(S): Beckman, M. L.; Quick, M. W.  
CORPORATE SOURCE: Department of Neurobiology, University of Alabama at  
Birmingham, Birmingham, AL, 35294-0021, USA  
SOURCE: Neuropharmacology (2001), 40(4), 526-535  
CODEN: NEPHBW; ISSN: 0028-3908  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 111 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:607419 CAPLUS  
DOCUMENT NUMBER: 135:301420  
TITLE: Phosphorylation of a new member of the bicarbonate  
cotransporter superfamily  
AUTHOR(S): Hayashi, Matsuhiko  
CORPORATE SOURCE: Department of Internal Medicine, School of Medicine,  
Keio University, Tokyo, Japan  
SOURCE: Kidney International (2001), 60(2), 462-465  
CODEN: KDZIA5; ISSN: 0085-2538  
PUBLISHER: Blackwell Science, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 112 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:400725 CAPLUS  
DOCUMENT NUMBER: 135:132621  
TITLE: Prolactin directly stimulates transcellular active  
calcium transport in the duodenum of female rats  
AUTHOR(S): Charoenphandhu, Narattaphol; Limlomwongse, Liangchai;  
Krishnamra, Nateetip  
CORPORATE SOURCE: Department of Physiology, Faculty of Science, Mahidol  
University, Bangkok, 10400, Thailand  
SOURCE: Canadian Journal of Physiology and Pharmacology  
(2001), 79(5), 430-438  
CODEN: CJPPA3; ISSN: 0008-4212  
PUBLISHER: National Research Council of Canada  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 113 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:271572 CAPLUS  
DOCUMENT NUMBER: 137:166985  
TITLE: Monogenic inherited hypophosphatemia  
AUTHOR(S): Strom, Tim-M.; Lorenz-Depiereux, Bettina  
CORPORATE SOURCE: TU Munchen und GSF-Forschungszentrum Institut fur  
Humangenetik, Neuherberg, 85764, Germany  
SOURCE: Molekularmedizinische Grundlagen von Endokrinopathien  
(2001), 365-386. Editor(s): Ganten, Detlev.  
Springer-Verlag: Berlin, Germany.  
CODEN: 69CLBD; ISBN: 3-540-67788-7  
DOCUMENT TYPE: Conference; General Review  
LANGUAGE: German  
REFERENCE COUNT: 174 THERE ARE 174 CITED REFERENCES  
AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L2 ANSWER 114 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:230387 CAPLUS

DOCUMENT NUMBER: 134:308394  
TITLE: Profiling of renal tubule Na+ transporter abundances  
in NHE3 and NCC null mice using targeted proteomics  
AUTHOR(S): Brooks, Heddwen L.; Sorensen, Anne-Mette; Terris,  
James; Schulteis, Patrick J.; Lorenz, John N.; Shull,  
Gary E.; Knepper, Mark A.  
CORPORATE SOURCE: Laboratory of Kidney and Electrolyte Metabolism,  
National Heart, Lung and Blood Institute, National  
Institutes of Health, Bethesda, MD, 20892, USA  
SOURCE: Journal of Physiology (Cambridge, United Kingdom)  
(2001), 530(3), 359-366  
CODEN: JPHYA7; ISSN: 0022-3751  
PUBLISHER: Cambridge University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 115 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:182414 CAPLUS  
DOCUMENT NUMBER: 135:17305  
TITLE: Optical imaging reveals cation-Cl-  
cotransporter-mediated transient rapid decrease in  
intracellular Cl- concentration induced by  
oxygen-glucose deprivation in rat neocortical slices  
AUTHOR(S): Yamada, Y.; Fukuda, A.; Tanaka, M.; Shimano, Y.;  
Nishino, H.; Muramatsu, K.; Togari, H.; Wada, Y.  
CORPORATE SOURCE: Department of Pediatrics, Nagoya City University  
Medical School, Mizuho-ku, Nagoya, 467-8601, Japan  
SOURCE: Neuroscience Research (Shannon, Ireland) (2001),  
39(3), 269-280  
CODEN: NERADN; ISSN: 0168-0102  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 116 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:271569 CAPLUS  
DOCUMENT NUMBER: 137:166982  
TITLE: Molecular pathophysiology of hereditary salt-wasting  
tubulopathies with hypokalemia  
AUTHOR(S): Seyberth, Hannsjorg W.; Konrad, Martin; Jeck, Nikola  
CORPORATE SOURCE: Universitätskinderklinik Medizinisches Zentrum fur  
Kinderheilkunde, Marburg, 35037, Germany  
SOURCE: Molekularmedizinische Grundlagen von Endokrinopathien  
(2001), 259-277. Editor(s): Ganten, Detlev.  
Springer-Verlag: Berlin, Germany.  
CODEN: 69CLBD; ISBN: 3-540-67788-7  
DOCUMENT TYPE: Conference; General Review  
LANGUAGE: German  
REFERENCE COUNT: 114 THERE ARE 114 CITED REFERENCES  
AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L2 ANSWER 117 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:136444 CAPLUS  
DOCUMENT NUMBER: 134:247404  
TITLE: Vasopressin-stimulated \*\*\*chloride\*\*\* transport in  
transmottarized mouse cell lines derived from the  
distal convoluted tubule and cortical and inner  
medullary collecting ducts  
AUTHOR(S): Van Huyen, Jean-Paul Duong; Bens, Marcelle; Teulon,  
Jacques; Vandewalle, Alain  
CORPORATE SOURCE: Institut National de la Sante et de la Recherche  
Medicale (INSERM), Faculte de Medecine Xavier Bichat,  
Paris, F-75870, Fr.  
SOURCE: Nephrology, Dialysis, Transplantation (2001), 16(2),  
238-245  
CODEN: NDTREA; ISSN: 0931-0509  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 118 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:709444 CAPLUS  
DOCUMENT NUMBER: 136:64374  
TITLE: Regulation of the abundance of renal sodium  
transporters and \*\*\*channels\*\*\* by vasopressin  
AUTHOR(S): Ecelbarger, Carolyn A.; Kim, Gheun-Ho; Wade, James B.;  
Knepper, Mark A.  
CORPORATE SOURCE: Division of Endocrinology and Metabolism, Department of  
Medicine, Georgetown University, Washington, DC,  
20007, USA  
SOURCE: Experimental Neurology (2001), 171(2), 227-234  
CODEN: EXNEAC; ISSN: 0014-4886  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 119 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2001350742 EMBASE  
TITLE: Expression of \*\*\*chloride\*\*\* \*\*\*channel\*\*\*, ClC-5,  
and its role in receptor-mediated endocytosis of albumin in  
OK cells.  
AUTHOR: Sasaki Y.; Nagai J.; Kitahara Y.; Takai N.; Murakami T.;  
Takano M.  
CORPORATE SOURCE: M. Takano, Institute of Pharmaceutical Sciences, Faculty of  
Medicine, Hiroshima University, 1-2-3 Kasumi, Minami-ku,  
Hiroshima 734-8551, Japan. takanom@pharm.hiroshima-u.ac.jp  
SOURCE: Biochemical and Biophysical Research Communications, (2001)  
282/1 (212-218).  
Refs: 31  
ISSN: 0006-291X CODEN: BBRCRA  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
030 Pharmacology  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 120 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2001080190 EMBASE

TITLE: Loss of the CIC-7 \*\*\*chloride\*\*\* \*\*\*channel\*\*\* leads to osteopetrosis in mice and man.  
AUTHOR: Kornak U.; Kasper D.; Bosl M.R.; Kaiser E.; Schweizer M.; Schulz A.; Friedrich W.; Delling G.; Jentsch T.J.  
CORPORATE SOURCE: T.J. Jentsch, Zentrum Molek. Neurobiologie Hamburg, Universitat Hamburg, D-20246 Hamburg, Germany, jentsch@plexus.uke.uni-hamburg.de  
SOURCE: Cell, (26 Jan 2001) 104/2 (205-215).  
Refs: 40  
ISSN: 0092-8674 CODEN: CELLB5  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
012 Ophthalmology  
022 Human Genetics  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 121 OF 519 MEDLINE  
ACCESSION NUMBER: 2001198178 MEDLINE  
DOCUMENT NUMBER: 21136483 PubMed ID: 11241030  
TITLE: A fast and simple screening test to search for specific inhibitors of the plasma membrane calcium pump.  
AUTHOR: Tiffert T; Daw N; Perdomo D; Lew V L  
CORPORATE SOURCE: Physiological Laboratory, University of Cambridge, United Kingdom.  
SOURCE: JOURNAL OF LABORATORY AND CLINICAL MEDICINE, (2001 Mar) 137 (3) 199-207.  
Journal code: 0375375. ISSN: 0022-2143.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 200104  
ENTRY DATE: Entered STN: 20010410  
Last Updated on STN: 20010410  
Entered Medline: 20010405  
L2 ANSWER 122 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:503964 CAPLUS  
DOCUMENT NUMBER: 135:224647  
TITLE: K-Cl cotransport: immunohistochemical and ion flux studies in human embryonic kidney (HEK293) cells transfected with full-length and C-terminal-domain-truncated KCC1 cDNAs  
AUTHOR(S): Lauf, Peter K.; Zhang, Jin; Gagnon, Kenneth B. E.; Delpire, Eric; Fyffe, Robert E. W.; Adragna, Norma C.  
CORPORATE SOURCE: Departments of Physiology and Biophysics, Wright State University School of Medicine, Dayton, OH, 45435, USA  
SOURCE: Cellular Physiology and Biochemistry (2001), 11(3), 143-160  
CODEN: CEPBEW; ISSN: 1015-8987  
PUBLISHER: S. Karger AG  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 123 OF 519 MEDLINE  
ACCESSION NUMBER: 2002046311 MEDLINE  
DOCUMENT NUMBER: 21577692 PubMed ID: 11720716  
TITLE: Halothane-induced intracellular calcium release in cholinergic cells.  
AUTHOR: Gomez R S; Guatimosim C; Barbosa J Jr; Massensini A R; Gomez M V; Prado M A  
CORPORATE SOURCE: Departamento de Cirurgia, Faculdade de Medicina da UFMG, Avenida Alfredo Balena, 190, CEP 30130-100, Belo Horizonte, Minas Gerais, Brazil.. renatogomez@ig.com.br  
SOURCE: BRAIN RESEARCH, (2001 Dec 7) 921 (1-2) 106-14.  
Journal code: 0045503. ISSN: 0006-8993.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200202  
ENTRY DATE: Entered STN: 20020124  
Last Updated on STN: 20020209  
Entered Medline: 20020208  
L2 ANSWER 124 OF 519 MEDLINE  
ACCESSION NUMBER: 2001131496 MEDLINE  
DOCUMENT NUMBER: 20580783 PubMed ID: 11139475  
TITLE: Ras reduces L-type calcium \*\*\*channel\*\*\* current in cardiac myocytes. Corrective effects of L- \*\*\*channels\*\*\* and SERCA2 on [Ca(2+)](i) regulation and cell morphology.  
AUTHOR: Ho P D; Fan J S; Hayes N L; Saada N; Palade P T; Glembofski C C; McDonough P M  
CORPORATE SOURCE: SDSU Heart Institute and Department of Biology, San Diego State University, San Diego, California, USA.  
CONTRACT NUMBER: HL-54030 (NHLBI)  
HL-63975 (NHLBI)  
NLHL=25073 (NHLBI)  
+  
SOURCE: CIRCULATION RESEARCH, (2001 Jan 19) 88 (1) 63-9.  
Journal code: 0047103. ISSN: 1524-4571.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200103  
ENTRY DATE: Entered STN: 20010404  
Last Updated on STN: 20010521  
Entered Medline: 20010301

L2 ANSWER 125 OF 519 MEDLINE DUPLICATE 9  
ACCESSION NUMBER: 2002007860 MEDLINE  
DOCUMENT NUMBER: 21191267 PubMed ID: 11296555  
TITLE: [Mechanisms of action of hypersodium medium on contractile activity of isolated rat heart].  
Mekhanizmy vlianiia gipernatrievoi sredy na sokratitel'nuu aktivnost' izolirovannogo serdtsa krys.  
AUTHOR: Alabovskii V Y; Cragoe E J; Vinokurov A A  
CORPORATE SOURCE: Department of Biochemistry, Voronezh State Medical Academy, Russia.  
SOURCE: FIZIOLOHICHNYI ZHURNAL, (2001) 47 (1) 39-45.  
Journal code: 9601541.  
PUB. COUNTRY: Ukraine  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: Russian  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200103  
ENTRY DATE: Entered STN: 20010404  
Last Updated on STN: 20010521  
Entered Medline: 20010301

ENTRY MONTH: 200206  
ENTRY DATE: Entered STN: 20020121  
Last Updated on STN: 20021217  
Entered Medline: 20020618  
L2 ANSWER 126 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 2002:445583 BIOSIS  
DOCUMENT NUMBER: PREV200200445583  
TITLE: Mechanisms of action of hypersodium medium on contractile activity of isolated rat heart.  
AUTHOR(S): Alabovskiy, V. V.; Cragoe, E. J.; Vinokurov, A. A.  
SOURCE: Fiziologichnyi Zhurnal (Kiev), (2001) Vol. 47, No. 1, pp. 39-45, print.  
DOCUMENT TYPE: Article  
LANGUAGE: Ukrainian  
L2 ANSWER 127 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:775265 CAPLUS  
DOCUMENT NUMBER: 136:132090  
TITLE: Investigation of differentially expressed genes during the development of mouse cerebellum  
AUTHOR(S): Kagami, Yoshihiro; Furuchi, Teichi  
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science Institute, RIKEN, Wako, 351-0198, Japan  
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59  
CODEN: GEPEAD; ISSN: 1567-133X  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 128 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:408456 CAPLUS  
DOCUMENT NUMBER: 136:128368  
TITLE: Receptor-mediated endocytosis in renal tubules and its dysfunction induced by drugs  
AUTHOR(S): Takano, Mikihsia  
CORPORATE SOURCE: Faculty of Medicine, Hiroshima University, Hiroshima, Japan  
SOURCE: Yakubutsu Dotai (2001), 16(1), 38-44  
CODEN: YADOEL; ISSN: 0916-1139  
PUBLISHER: Nippon Yakubutsu Dotai Gakkai  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: Japanese  
L2 ANSWER 129 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:715008 CAPLUS  
DOCUMENT NUMBER: 136:162468  
TITLE: Microarray Analysis of Differential Gene Expression in Lead-Exposed Astrocytes  
AUTHOR(S): Bouton, Christopher M. L. S.; Hossain, Mir Ahamed; Frefin, Laurence P.; Laterra, John; Pevsner, Jonathan  
CORPORATE SOURCE: Department of Neuroscience, Johns Hopkins University, Baltimore, MD, 21205, USA  
SOURCE: Toxicology and Applied Pharmacology (2001), 176(1), 34-53  
CODEN: TXAPA9; ISSN: 0041-008X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 151 THERE ARE 151 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 130 OF 519 MEDLINE  
ACCESSION NUMBER: 2002018795 MEDLINE  
DOCUMENT NUMBER: 21335304 PubMed ID: 11442313  
TITLE: Impairment of the ryanodine-sensitive calcium release \*\*\*channels\*\*\* in the cardiac sarcoplasmic reticulum and its underlying mechanism during the hypodynamic phase of sepsis.  
AUTHOR: Dong L W; Wu L L; Ji Y; Liu M S  
CORPORATE SOURCE: Department of Pharmacological and Physiological Science, Saint Louis University School of Medicine, Missouri 63104, USA.  
CONTRACT NUMBER: GM-31664 (NIGMS)  
HL-30080 (NHLBI)  
SOURCE: SHOCK, (2001 Jul) 16 (1) 33-9.  
Journal code: 9421564. ISSN: 1073-2222.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200201  
ENTRY DATE: Entered STN: 20020121  
Last Updated on STN: 20020125  
Entered Medline: 20020114  
L2 ANSWER 131 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:669988 CAPLUS  
DOCUMENT NUMBER: 136:2075  
TITLE: Spacer chain length dependence in hydrphile \*\*\*channels\*\*\* : implications for \*\*\*channel\*\*\* position within phospholipid bilayers  
AUTHOR(S): Murray, Clare L.; Gokel, George W.  
CORPORATE SOURCE: Bioorganic Chemistry Program and Department of Molecular Biology & Pharmacology, Washington University School of Medicine, St. Louis, MO, 63110, USA  
SOURCE: Journal of Supramolecular Chemistry (2001), 1(1), 23-30  
CODEN: JSCOC9; ISSN: 1472-7862  
PUBLISHER: Pergamon Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 132 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:468702 CAPLUS  
DOCUMENT NUMBER: 136:18658  
TITLE: Differential gene expression profiling in human brain tumors  
AUTHOR(S): Markert, James M.; Fuller, Catherine M.; Gillespie, G. Yancey; Buben, James K.; McLean, Lee Anne; Hong, Robert L.; Lee, Kallin; Gullans, Steven R.; Mapstone, Timothy B.; Benos, Dale J.  
CORPORATE SOURCE: Department of Surgery, University of Alabama at Birmingham, Birmingham, AL, 35294-0005, USA  
L2 ANSWER 133 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:752655 CAPLUS  
DOCUMENT NUMBER: 136:132090  
TITLE: Investigation of differentially expressed genes during the development of mouse cerebellum  
AUTHOR(S): Kagami, Yoshihiro; Furuchi, Teichi  
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science Institute, RIKEN, Wako, 351-0198, Japan  
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59  
CODEN: GEPEAD; ISSN: 1567-133X  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 134 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000:195337 [17] WPIDS  
DOC. NO. NON-CPI: N2000-144483  
DOC. NO. CPI: C2000-060617  
TITLE: Apparatus for \*\*\*transporting\*\*\* e.g. reagents, cleaning solutions, solvents and pesticides has flexible walled vessel with port(s) in lower part communicating with primary flow \*\*\*channel\*\*\* and dispensing valve.  
DERWENT CLASS: A92 B07 C07 J04 S02  
INVENTOR(S): NEAS, E D; TEMPLAR, D L  
PATENT ASSIGNEE(S): (NEAS-I) NEAS E D; (TEMP-I) TEMPLAR D L  
COUNTRY COUNT: 25  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
WO 200006976 A1 20000210 (200017)\* EN 31  
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE W: AU CA CN MX NZ US  
AU 9951355 A 20000221 (200029)  
EP 1101080 A1 20010523 (200130) EN  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE US 2003080140 A1 20030501 (200331)  
APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
WO 200006976 A1 WO 1999-US17280 19990730  
AU 9951355 A AU 1999-51355 19990730  
EP 1101080 A1 EP 1999-935995 19990730  
WO 1999-US17280 19990730  
US 2003080140 A1 Provisional US 1998-94830P 19980731  
Provisional US 1998-94831P 19980731  
Provisional US 1998-94896P 19980731  
Cont of WO 1999-US17280 19990730  
US 2001-772054 20010423  
FILING DETAILS:  
PATENT NO KIND PATENT NO  
AU 9951355 A Based on WO 200006976  
EP 1101080 A1 Based on WO 200006976  
PRIORITY APPLN. INFO: US 1998-94896P 19980731; US 1998-94830P 19980731; US 1998-94831P 19980731; US 2001-772054 20010423  
L2 ANSWER 135 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000:337968 [29] WPIDS  
CROSS REFERENCE: 1995-178033 [23]; 1995-206951 [27]; 1996-506195 [50]; 1996-506196 [50]; 1996-506198 [50]; 1996-506199 [50]; 1996-506200 [50]; 1996-506201 [50]; 1996-506202 [50]; 1996-506204 [50]; 1997-363596 [33]; 1998-087001 [08]; 1999-104988 [09]  
DOC. NO. NON-CPI: N2000-253618  
DOC. NO. CPI: C2000-102500  
TITLE: Electrochemical cell for direct production of dry halogen gas comprises a current distributor consisting of a conductive polymer composite having specific bulk resistivity.  
DERWENT CLASS: A85 E36 J03 X25  
INVENTOR(S): BIRCHENALL, A K; EAMES, D J; FREED, R L; KOLOUCH, R J  
LAW, C G; NEWMAN, J S; REICHERT, D L; TRAINHAM, J A  
PATENT ASSIGNEE(S): (DUPO) DU PONT DE NEMOURS & CO E I  
COUNTRY COUNT: 1  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
US 6042702 A 20000328 (200029)\* 13  
APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
US 6042702 A CIP of US 1993-156196 19931122  
CIP of US 1994-246909 19940520  
CIP of US 1995-431608 19950501  
Cont of US 1997-812494 19970307  
US 1997-812494 19970307  
FILING DETAILS:  
PATENT NO KIND PATENT NO  
US 6042702 A CIP of US 5580437  
CIP of US 5611897  
PRIORITY APPLN. INFO: US 1997-812494 19970307; US 1993-156196 19931122; US 1994-246909 19940520; US 1995-431608 19950501; US 1997-812494 19970307

SOURCE: Physiological Genomics [online computer file] (2001), 5(1), 21-33  
CODEN: PHGEPP; ISSN: 1094-8341  
URL: http://physiolgenomics.physiology.org/cgi/reprint/5/1/21  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal; (online computer file)  
LANGUAGE: English  
REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
L2 ANSWER 133 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:694841 CAPLUS  
DOCUMENT NUMBER: 136:33548  
TITLE: Ion transporters in the nucleus?  
AUTHOR(S): Matzke, Marjori; Aufsatz, Werner; Gregor, Wolfgang; Van der Winden, Johannes; Papp, Istvan; Matzke, Antonius J. M.  
CORPORATE SOURCE: Institute of Molecular Biology, Austrian Academy of Sciences, Salzburg, A-5020, Austria  
SOURCE: Plant Physiology (2001), 127(1), 10-13  
CODEN: PLPHAY; ISSN: 0032-0889  
PUBLISHER: American Society of Plant Biologists  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
L2 ANSWER 134 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000:195337 [17] WPIDS  
DOC. NO. NON-CPI: N2000-144483  
DOC. NO. CPI: C2000-060617  
TITLE: Apparatus for \*\*\*transporting\*\*\* e.g. reagents, cleaning solutions, solvents and pesticides has flexible walled vessel with port(s) in lower part communicating with primary flow \*\*\*channel\*\*\* and dispensing valve.  
DERWENT CLASS: A92 B07 C07 J04 S02  
INVENTOR(S): NEAS, E D; TEMPLAR, D L  
PATENT ASSIGNEE(S): (NEAS-I) NEAS E D; (TEMP-I) TEMPLAR D L  
COUNTRY COUNT: 25  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
WO 200006976 A1 20000210 (200017)\* EN 31  
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE W: AU CA CN MX NZ US  
AU 9951355 A 20000221 (200029)  
EP 1101080 A1 20010523 (200130) EN  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE US 2003080140 A1 20030501 (200331)  
APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
WO 200006976 A1 WO 1999-US17280 19990730  
AU 9951355 A AU 1999-51355 19990730  
EP 1101080 A1 EP 1999-935995 19990730  
WO 1999-US17280 19990730  
US 2003080140 A1 Provisional US 1998-94830P 19980731  
Provisional US 1998-94831P 19980731  
Provisional US 1998-94896P 19980731  
Cont of WO 1999-US17280 19990730  
US 2001-772054 20010423  
FILING DETAILS:  
PATENT NO KIND PATENT NO  
AU 9951355 A Based on WO 200006976  
EP 1101080 A1 Based on WO 200006976  
PRIORITY APPLN. INFO: US 1998-94896P 19980731; US 1998-94830P 19980731; US 1998-94831P 19980731; US 2001-772054 20010423  
L2 ANSWER 135 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000:337968 [29] WPIDS  
CROSS REFERENCE: 1995-178033 [23]; 1995-206951 [27]; 1996-506195 [50]; 1996-506196 [50]; 1996-506198 [50]; 1996-506199 [50]; 1996-506200 [50]; 1996-506201 [50]; 1996-506202 [50]; 1996-506204 [50]; 1997-363596 [33]; 1998-087001 [08]; 1999-104988 [09]  
DOC. NO. NON-CPI: N2000-253618  
DOC. NO. CPI: C2000-102500  
TITLE: Electrochemical cell for direct production of dry halogen gas comprises a current distributor consisting of a conductive polymer composite having specific bulk resistivity.  
DERWENT CLASS: A85 E36 J03 X25  
INVENTOR(S): BIRCHENALL, A K; EAMES, D J; FREED, R L; KOLOUCH, R J  
LAW, C G; NEWMAN, J S; REICHERT, D L; TRAINHAM, J A  
PATENT ASSIGNEE(S): (DUPO) DU PONT DE NEMOURS & CO E I  
COUNTRY COUNT: 1  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
US 6042702 A 20000328 (200029)\* 13  
APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
US 6042702 A CIP of US 1993-156196 19931122  
CIP of US 1994-246909 19940520  
CIP of US 1995-431608 19950501  
Cont of US 1997-812494 19970307  
US 1997-812494 19970307  
FILING DETAILS:  
PATENT NO KIND PATENT NO  
US 6042702 A CIP of US 5580437  
CIP of US 5611897  
PRIORITY APPLN. INFO: US 1997-812494 19970307; US 1993-156196 19931122; US 1994-246909 19940520; US 1995-431608 19950501; US 1997-812494 19970307

L2 ANSWER 136 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:707146 CAPLUS  
DOCUMENT NUMBER: 133:278350  
TITLE: Fluorescent halide indicators  
INVENTOR(S): Verkman, Alan S.; Biwersi, Joachim; Jayaraman, Sujatha  
PATENT ASSIGNEE(S): The Regents of the University of California, USA  
SOURCE: PCT Int. Appl., 50 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000058289	A1	20001005	WO 2000-US7799	20000324
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6201116	B1	20010313	US 1999-277354	19990326
PRIORITY APPLN. INFO:			US 1999-277354	A 19990326
OTHER SOURCE(S):			MARPAT 133:278350	
REFERENCE COUNT:	3		THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS	

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 137 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:534884 CAPLUS  
DOCUMENT NUMBER: 133:145883  
TITLE: Modified SAGE analysis microassay for serial analysis of gene expression using probes derived from 3'-ends of mRNAs and their uses  
INVENTOR(S): Cheval, Lydie; Elalouf, Jean-marc; Virion, Berangere  
PATENT ASSIGNEE(S): Commissariat A L'Energie Atomique, Fr.; Centre National De La Recherche Scientifique  
SOURCE: Eur. Pat. Appl., 35 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1042401	A1	20000802	EP 1999-400189	19990127
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
US 6506561	B1	20030114	US 1999-301721	19990429
CA 2359272	AA	20000803	CA 2000-2359272	20000125
WO 2000044936	A1	20000803	WO 2000-IB111	20000125
W:	CA, JP			
JP 2002535012	T2	20021022	JP 2000-596176	20000125
PRIORITY APPLN. INFO.:			EP 1999-400189	A 19990127
			WO 2000-IB111	W 20000125
REFERENCE COUNT:	3		THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS	

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 138 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:696013 CAPLUS  
DOCUMENT NUMBER: 134:26688  
TITLE: Differences between cystic fibrosis transmembrane conductance regulator and HisP in the interaction with the adenine ring of ATP  
AUTHOR(S): Berger, Allan L.; Welsh, Michael J.  
CORPORATE SOURCE: Howard Hughes Medical Institute, Departments of Internal Medicine and Physiology and Biophysics, University of Iowa College of Medicine, Iowa City, IA, 52242, USA  
SOURCE: Journal of Biological Chemistry (2000), 275(38), 29407-29412  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 139 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:525423 CAPLUS  
DOCUMENT NUMBER: 133:262825  
TITLE: Pentameric assembly of a neuronal glutamate transporter  
AUTHOR(S): Eskandari, Sepchr; Kreman, Michael; Kavanaugh, Michael P.; Wright, Ernest M.; Zampighi, Guido A.  
CORPORATE SOURCE: Departments of Physiology and Neurobiology, University of California at Los Angeles School of Medicine, Los Angeles, CA, 90095-1751, USA  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (2000), 97(15), 8641-8646  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 140 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:761310 CAPLUS  
DOCUMENT NUMBER: 133:345030  
TITLE: Evidence that different cation \*\*\*chloride\*\*\* cotransporters in retinal neurons allow opposite responses to GABA  
AUTHOR(S): Vardi, Noga; Zhang, Ling-Li; Payne, John A.; Sterling, Peter  
CORPORATE SOURCE: Department of Neuroscience, University of Pennsylvania, Philadelphia, PA, 19104, USA  
SOURCE: Journal of Neuroscience (2000), 20(20), 7657-7663  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 141 OF 519 MEDLINE  
ACCESSION NUMBER: 2001024490 MEDLINE  
DOCUMENT NUMBER: 20445925 PubMed ID: 10990456  
TITLE: Effects of PMCA and SERCA pump overexpression on the kinetics of cell Ca(2+) signalling  
AUTHOR: Brini M; Bano D; Manni S; Rizzuto R; Carafoli E  
CORPORATE SOURCE: Department of Biochemistry and Center for the Study of Biomembranes of the National Research Council (CNR), University of Padova, Viale G. Colombo, 3, 35121 Padova, Italy.. brini@civ.bio.unipd.it  
SOURCE: EMBO JOURNAL, (2000 Sep 15) 19 (18) 4926-35.  
Journal code: 8208664. ISSN: 0261-4189.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200011  
ENTRY DATE: Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001116

L2 ANSWER 142 OF 519 MEDLINE  
ACCESSION NUMBER: 2000436098 MEDLINE  
DOCUMENT NUMBER: 20419065 PubMed ID: 10965881  
TITLE: Nongenomic actions of testosterone on a subset of lactotrophs in the male rat pituitary.  
AUTHOR: Christian H C; Rolfs N J; Morris J F  
CORPORATE SOURCE: Department of Human Anatomy and Genetics, University of Oxford, United Kingdom.  
SOURCE: ENDOCRINOLOGY, (2000 Sep 15) 141 (9) 3111-9.  
Journal code: 0375040. ISSN: 0013-7227.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 200009  
ENTRY DATE: Entered STN: 20000928  
Last Updated on STN: 20000928  
Entered Medline: 20000921

L2 ANSWER 143 OF 519 MEDLINE  
ACCESSION NUMBER: 2000281850 MEDLINE  
DOCUMENT NUMBER: 20281850 PubMed ID: 10820207  
TITLE: A(2A) adenosine receptor facilitation of neuromuscular transmission: influence of stimulus paradigm on calcium mobilization.  
AUTHOR: Correia-de-Sa P; Timoteo M A; Ribeiro J A  
CORPORATE SOURCE: Laboratory of Pharmacology, Instituto de Ciencias Biomedicas de Abel Salazar, University of Oporto, Porto, Portugal.  
SOURCE: JOURNAL OF NEUROCHEMISTRY, (2000 Jun) 74 (6) 2462-9.  
Journal code: 2985190R. ISSN: 0022-3042.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200006  
ENTRY DATE: Entered STN: 20000616  
Last Updated on STN: 20000616  
Entered Medline: 20000602

L2 ANSWER 144 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:816409 CAPLUS  
DOCUMENT NUMBER: 134:25679  
TITLE: Evidence for a complex influence of nicotinic acetylcholine receptors on hippocampal serotonin release  
AUTHOR(S): Kenny, Paul J.; File, Sandra E.; Neal, Michael J.  
CORPORATE SOURCE: Psychopharmacology Research Unit, Centre for Neuroscience, GKT School of Biomedical Sciences, King's College London, London, SE1 1UL, UK  
SOURCE: Journal of Neurochemistry (2000), 75(6), 2409-2414  
CODEN: JONRA9; ISSN: 0022-3042  
PUBLISHER: Lippincott Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 145 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:641334 CAPLUS  
DOCUMENT NUMBER: 133:360964  
TITLE: Immunolocalization of ion-transport proteins to brushal epithelium mitochondria-rich cells in the mudskipper (Periophthalmodon schlosseri)  
AUTHOR(S): Wilson, Jonathan M.; Randall, David J.; Donowitz, Mark; Vogl, A. Wayne; Ip, Alex K.-Y.  
CORPORATE SOURCE: Department of Zoology, University of British Columbia, Vancouver, V6T 1Z4, Can.  
SOURCE: Journal of Experimental Biology (2000), 203(15), 2297-2310  
CODEN: JEBIAM; ISSN: 0022-0949  
PUBLISHER: Company of Biologists Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 146 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2000158311 EMBASE  
TITLE: Recurrent paralysis in a young man.  
AUTHOR: Koul P.A.; Wahid A.  
CORPORATE SOURCE: Dr. P.A. Koul, Dept. of Internal Medicine, Sherlkashmir Inst. Med. Sci. Soura, Postbag 27, Srinagar 19011, Kashmir, India. parvaiz@hotmail.com  
SOURCE: Lancet, (6 May 2000) 355/9215 (1612).  
Refs: 5  
ISSN: 0140-6736 CODEN: LANCAO  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 006 Internal Medicine  
008 Neurology and Neurosurgery  
028 Urology and Nephrology  
037 Drug Literature Index  
038 Adverse Reactions Titles  
LANGUAGE: English

L2 ANSWER 147 OF 519 MEDLINE  
ACCESSION NUMBER: 2000482257 MEDLINE  
DOCUMENT NUMBER: 20451340 PubMed ID: 10993788  
TITLE: Amlodipine inhibits thapsigargin-sensitive CA(2+) stores in

thrombin-stimulated vascular smooth muscle cells.  
AUTHOR: Stepien O; Marche P  
CORPORATE SOURCE: Departement de Pharmacologie, Universite Rene Descartes, 75015 Paris, France.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. HEART AND CIRCULATORY PHYSIOLOGY, (2000 Sep) 279 (3) H1220-7.  
Journal code: 100901228. ISSN: 0363-6135.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200010  
ENTRY DATE: Entered STN: 20001019  
Last Updated on STN: 20001019  
Entered Medline: 20001012

L2 ANSWER 148 OF 519 MEDLINE DUPLICATE 10  
ACCESSION NUMBER: 2001061214 MEDLINE  
DOCUMENT NUMBER: 20531027 PubMed ID: 11076801  
TITLE: Hypoxia decreases proteins involved in epithelial electrolyte transport in A549 cells and rat lung.  
AUTHOR: Wodopia R; Ko H S; Billian J; Wiesner R; Bartsch P; Mairbaert H  
CORPORATE SOURCE: Medical Clinic, Section Sports Medicine, University of Heidelberg, 69115 Heidelberg, Germany.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. LUNG CELLULAR AND MOLECULAR PHYSIOLOGY, (2000 Dec) 279 (6) L1110-9.  
Journal code: 100901229. ISSN: 1040-0605.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200012  
ENTRY DATE: Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001222

L2 ANSWER 149 OF 519 MEDLINE  
ACCESSION NUMBER: 2000175950 MEDLINE  
DOCUMENT NUMBER: 20175950 PubMed ID: 10710371  
TITLE: Mechanisms of ischemic preconditioning effects on Ca(2+) paradox-induced changes in heart.  
AUTHOR: Kawabata K I; Netticadan T; Osada M; Tamura K; Dhalla N S  
CORPORATE SOURCE: Institute of Cardiovascular Sciences, St. Boniface General Hospital Research Centre, and Department of Physiology, Faculty of Medicine, University of Manitoba, Winnipeg, Manitoba, Canada R2H 2A6.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. HEART AND CIRCULATORY PHYSIOLOGY, (2000 Mar) 278 (3) H1008-15.  
Journal code: 100901228. ISSN: 0363-6135.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200004  
ENTRY DATE: Entered STN: 20000413  
Last Updated on STN: 20000413  
Entered Medline: 20000407

L2 ANSWER 150 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:702750 CAPLUS  
DOCUMENT NUMBER: 133:308210  
TITLE: Transport rates of GABA transporters: regulation by the N-terminal domain and syntaxin 1A  
AUTHOR(S): Quick, Michael W.  
CORPORATE SOURCE: Department of Neurobiology, CIRC 446, University of Alabama at Birmingham, Birmingham, AL, 35294-0021, USA  
SOURCE: Nature Neuroscience (2000), 3(10), 998-1003  
CODEN: NANEFN; ISSN: 1097-6256  
PUBLISHER: Nature America Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 151 OF 519 MEDLINE  
ACCESSION NUMBER: 2000245890 MEDLINE  
DOCUMENT NUMBER: 20245890 PubMed ID: 10781419  
TITLE: NO(+) but not NO radical releases airway smooth muscle via cGMP-independent release of internal Ca(2+).  
AUTHOR: Janssen L J; Premji M; Lu-Chao H; Cox G; Keshavjee S  
CORPORATE SOURCE: Asthma Research Group, Smooth Muscle Research Group, Department of Medicine, McMaster University, Hamilton, Ontario, Canada L8N 3Z5.. janssenl@fhs.cmu.mcmaster.ca  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY. LUNG CELLULAR AND MOLECULAR PHYSIOLOGY, (2000 May) 278 (5) L899-905.  
Journal code: 100901229. ISSN: 1040-0605.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200006  
ENTRY DATE: Entered STN: 20000613  
Last Updated on STN: 20000613  
Entered Medline: 20000601

L2 ANSWER 152 OF 519 MEDLINE  
ACCESSION NUMBER: 2001157597 MEDLINE  
DOCUMENT NUMBER: 20560382 PubMed ID: 11110432  
TITLE: Alterations in the inotropic responses to forskolin and Ca2+ and reduced gene expressions of Ca2+-signaling proteins induced by chronic volume overload in rabbits.  
AUTHOR: Takahashi N; Atsumi H; Nakada S; Takeishi Y; Tomoike H  
CORPORATE SOURCE: The First Department of Internal Medicine, Yamagata University School of Medicine, Japan.  
SOURCE: JAPANESE CIRCULATION JOURNAL, (2000 Nov) 64 (11) 861-7.  
Journal code: 7806868. ISSN: 0047-1828.  
PUB. COUNTRY: Australia  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200103  
ENTRY DATE: Entered STN: 20010404  
Last Updated on STN: 20010404  
Entered Medline: 20010322

L2 ANSWER 153 OF 519 MEDLINE DUPLICATE 11  
ACCESSION NUMBER: 2000490271 MEDLINE

DOCUMENT NUMBER: 20494942 PubMed ID: 11041544  
 TITLE: Transepithelial \*\*\*chloride\*\*\* conductance in amphibian skin: regulatory mechanisms and localization.  
 AUTHOR: Nagel W; Davis J M; Katz U  
 CORPORATE SOURCE: Physiologisches Institut der Universität München, Munich, Germany., W.Nagel@lrz.uni-muenchen.de  
 SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (2000 Oct)  
 440 (6) 797-808. Ref: 89  
 Journal code: 0154720. ISSN: 0031-6768.  
 PUB. COUNTRY: GERMANY: Germany, Federal Republic of  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200102  
 ENTRY DATE: Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20010201

L2 ANSWER 154 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:226808 CAPLUS  
 DOCUMENT NUMBER: 132:319958  
 TITLE: Neutral amino acid transporter ASCT2 displays substrate-induced Na<sup>+</sup> exchange and a substrate-gated anion conductance  
 AUTHOR(S): Broer, Angelika; Wagner, Carsten; Lang, Florian; Broer, Stefan  
 CORPORATE SOURCE: Universitat Tübingen, Physiologisches Institut, Tübingen, 72076, Germany  
 SOURCE: Biochemical Journal (2000), 346(3), 705-710  
 CODEN: BJOOAK; ISSN: 0264-6021  
 PUBLISHER: Portland Press Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 155 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:115103 CAPLUS  
 DOCUMENT NUMBER: 132:277106  
 TITLE: Dramatic Magnesium Efflux Induced by High Potassium in Rat Thymocytes  
 AUTHOR(S): Ferray, Jean-Claude; Guerrouache, Karima; Garay, Ricardo P.  
 CORPORATE SOURCE: School of Medicine, INSERM U400, Creteil, 94010, Fr.  
 SOURCE: Biochemical and Biophysical Research Communications (2000), 268(3), 673-676  
 CODEN: BBRCA9; ISSN: 0006-291X  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 156 OF 519 MEDLINE  
 ACCESSION NUMBER: 2001131749 MEDLINE  
 DOCUMENT NUMBER: 20569312 PubMed ID: 11118497  
 TITLE: Preferential role of intracellular Ca<sup>2+</sup> stores in regulation of isometric force in NIH 3T3 fibroblast fibres.  
 AUTHOR: Nobe K; Nobe H; Ohara K; Paul R J  
 CORPORATE SOURCE: Department of Molecular and Cellular Physiology, University of Cincinnati College of Medicine, Cincinnati, OH 45267-0576, USA.  
 CONTRACT NUMBER: HL54829 (NHLBI)  
 SOURCE: JOURNAL OF PHYSIOLOGY, (2000 Dec 15) 529 Pt 3 669-79.  
 Journal code: 0266262. ISSN: 0022-3751.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200103  
 ENTRY DATE: Entered STN: 20010404  
 Last Updated on STN: 20010404  
 Entered Medline: 20010301

L2 ANSWER 157 OF 519 MEDLINE  
 ACCESSION NUMBER: 2001043269 MEDLINE  
 DOCUMENT NUMBER: 20412549 PubMed ID: 10958344  
 TITLE: Measurement of calcium entry and exit in quiescent rat ventricular myocytes.  
 AUTHOR: Choi H S; Trafford A W; Eisner D A  
 CORPORATE SOURCE: Department of Medicine, The University of Manchester, UK.  
 SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (2000 Aug)  
 440 (4) 600-8.  
 Journal code: 0154720. ISSN: 0031-6768.  
 PUB. COUNTRY: GERMANY: Germany, Federal Republic of  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200012  
 ENTRY DATE: Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20001207

L2 ANSWER 158 OF 519 MEDLINE  
 ACCESSION NUMBER: 2000281174 MEDLINE  
 DOCUMENT NUMBER: 20281174 PubMed ID: 10823668  
 TITLE: Sodium fluoride increases intracellular calcium in rat renal epithelial cell line NRK-52E.  
 AUTHOR: Murao H; Sakagami N; Iguchi T; Murakami T; Suketa Y  
 CORPORATE SOURCE: University of Shizuoka, School of Pharmaceutical Sciences, Department of Environmental Biochemistry and Toxicology, Japan.  
 SOURCE: BIOLOGICAL AND PHARMACEUTICAL BULLETIN, (2000 May) 23 (5)  
 581-4.  
 Journal code: 9311984. ISSN: 0918-6158.  
 PUB. COUNTRY: Japan  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200007  
 ENTRY DATE: Entered STN: 20000810  
 Last Updated on STN: 20000810  
 Entered Medline: 20000724

L2 ANSWER 159 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:119226 CAPLUS  
 DOCUMENT NUMBER: 132:232243

TITLE: Arachidonic acid stimulates a novel cocaine-sensitive cation conductance associated with the human dopamine transporter  
 AUTHOR(S): Ingram, Susan L.; Amara, Susan G.  
 CORPORATE SOURCE: Vollum Institute and Howard Hughes Medical Institute, Oregon Health Sciences University, Portland, OR, 97201, USA  
 SOURCE: Journal of Neuroscience (2000), 20(2), 550-557  
 CODEN: JNRSDS; ISSN: 0270-6474  
 PUBLISHER: Society for Neuroscience  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 160 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:81091 CAPLUS  
 DOCUMENT NUMBER: 134:264120  
 TITLE: Taurine and neural cell damage  
 AUTHOR(S): Saransaari, P.; Oja, S. S.  
 CORPORATE SOURCE: Brain Research Center, Medical School, University of Tampere, Finland  
 SOURCE: Amino Acids (2000), 19(3-4), 509-526  
 CODEN: AACIE6; ISSN: 0939-4451  
 PUBLISHER: Springer-Verlag Wien  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: English  
 REFERENCE COUNT: 106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS

THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 161 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
 ACCESSION NUMBER: 2000413024 EMBASE  
 TITLE: Enhanced L-type Ca<sup>2+</sup> \*\*\*channel\*\*\* current density in coronary smooth muscle of exercise-trained pigs is compensated to limit myoplasmic free Ca<sup>2+</sup> accumulation.  
 AUTHOR: Heaps C.L.; Bowles D.K.; Sturek M.; Laughlin M.H.; Parker J.L.  
 CORPORATE SOURCE: C.L. Heaps, Veterinary Biomedical Sciences, University of Missouri, Columbia, MO 65211, United States.  
 SOURCE: Journal of Physiology, (1 Nov 2000) 528(3) (435-445).  
 Refs: 33  
 ISSN: 0022-3751 CODEN: JPHYA7  
 COUNTRY: United Kingdom  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 002 Physiology  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 162 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 DUPLICATE 12  
 ACCESSION NUMBER: 2001:130275 BIOSIS  
 DOCUMENT NUMBER: PREV200100130275  
 TITLE: Cell-volume changes and ion conductances in amphibian gallbladder epithelium.  
 AUTHOR(S): Reuss, Luis (1); Vanoye, Carlos A.; Altenberg, Guillermo A.; Vergan, Leoncio; Subramaniam, Muthangi; Torres, Ruben  
 CORPORATE SOURCE: (1) Dept. of Physiology and Biophysics, Univ. of Texas Medical Branch, 301 University Boulevard, Galveston, TX, 77555-0641; heuss@utmb.edu USA  
 SOURCE: Cellular Physiology and Biochemistry, (2000) Vol. 10, No. 5-6, pp. 385-392. print.  
 ISSN: 1015-8987.  
 DOCUMENT TYPE: General Review  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 163 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:147276 CAPLUS  
 DOCUMENT NUMBER: 132:263083  
 TITLE: K-Cl cotransport in vascular smooth muscle and erythrocytes: possible implication in vasodilation  
 AUTHOR(S): Adragna, Norma C.; White, Richard E.; Orlov, Sergei N.; Lauf, Peter K.  
 CORPORATE SOURCE: Departments of Pharmacology and Toxicology, Wright State University, School of Medicine, Dayton, OH, 45435, USA  
 SOURCE: American Journal of Physiology (2000), 278(2, Pt. 1), C381-C390  
 CODEN: AJPHAP; ISSN: 0002-9513  
 PUBLISHER: American Physiological Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 164 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:765767 CAPLUS  
 DOCUMENT NUMBER: 134:205666  
 TITLE: Molecular pathology of renal \*\*\*chloride\*\*\* \*\*\*channels\*\*\* in Dent's disease and Bartter's syndrome  
 AUTHOR(S): Thakker, R. V.  
 CORPORATE SOURCE: Molecular Endocrinology Group, John Radcliffe Hospital, University of Oxford, Oxford, OX3 9DU, UK  
 SOURCE: Experimental Nephrology (2000), 8(6), 351-360  
 CODEN: EXNEEG; ISSN: 1018-7782  
 PUBLISHER: S. Karger AG  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: English  
 REFERENCE COUNT: 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 165 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 DUPLICATE 13  
 ACCESSION NUMBER: 2001:128232 BIOSIS  
 DOCUMENT NUMBER: PREV200100128232  
 TITLE: Intracellular signalling involved in volume regulatory decrease.  
 AUTHOR(S): Hoffmann, Else K. (1)  
 CORPORATE SOURCE: (1) August Krogh Institute, Dept. of Biochemistry, Univ. of Copenhagen, Universitetsparken 13, DK-2100, Copenhagen O: ekhoffmann@aki.ku.dk Denmark  
 SOURCE: Cellular Physiology and Biochemistry, (2000) Vol. 10, No. 5-6, pp. 273-288. print.  
 ISSN: 1015-8987.  
 DOCUMENT TYPE: General Review

LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 166 OF 519 MEDLINE  
 ACCESSION NUMBER: 2001108667 MEDLINE  
 DOCUMENT NUMBER: 21061668 PubMed ID: 11032781  
 TITLE: Anion \*\*\*channels\*\*\* modulate store-operated calcium influx in human microglia.  
 AUTHOR: McLarnon J G; Helm J; Goghari V; Franciosi S; Choi H B; Nagai A; Kim S U  
 CORPORATE SOURCE: Department of Pharmacology and Therapeutics, Faculty of Medicine, The University of British Columbia, Vancouver, British Columbia, Canada. McLarnon@interchange.ubc.ca  
 SOURCE: CELL CALCIUM, (2000 Oct) 28 (4) 261-8.  
 Journal code: 8006226. ISSN: 0143-4160.  
 PUB. COUNTRY: Scotland: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200102  
 ENTRY DATE: Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20010208

L2 ANSWER 167 OF 519 MEDLINE DUPLICATE 14  
 ACCESSION NUMBER: 2001056714 MEDLINE  
 DOCUMENT NUMBER: 20491023 PubMed ID: 11034615  
 TITLE: Urea transport by cotransporters.  
 AUTHOR: Leung D W; Loo D D; Hirayama B A; Zeuthen T; Wright E M  
 CORPORATE SOURCE: Department of Physiology, UCLA School of Medicine, Los Angeles, CA 90095-1751, USA.  
 CONTRACT NUMBER: DK19567 (NIDDK)  
 DK44602 (NIDDK)  
 GMS2094 (NIHMS)  
 SOURCE: JOURNAL OF PHYSIOLOGY, (2000 Oct 15) 528 Pt 2 251-7.  
 Journal code: 0266262. ISSN: 0022-3751.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200012  
 ENTRY DATE: Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20001219

L2 ANSWER 168 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2001:212243 CAPLUS  
 DOCUMENT NUMBER: 135:165436  
 TITLE: Involvement of ion \*\*\*channels\*\*\* in ischemia-induced taurine release in the mouse hippocampus  
 AUTHOR(S): Saransaari, Pirjo; Oja, Simo S.  
 CORPORATE SOURCE: Tampere Brain Research Center, University of Tampere Medical School, Tampere, Finland  
 SOURCE: Advances in Experimental Medicine and Biology (2000), 483(Taurine 4), 249-256  
 CODEN: AEMBP; ISSN: 0065-2598  
 PUBLISHER: Kluwer Academic/Plenum Publishers  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 169 OF 519 MEDLINE DUPLICATE 15  
 ACCESSION NUMBER: 2001142049 MEDLINE  
 DOCUMENT NUMBER: 20527022 PubMed ID: 11076393  
 TITLE: Foreword: from classic bile physiology to cloned transporters.  
 AUTHOR: Jansen P L  
 SOURCE: SEMINARS IN LIVER DISEASE, (2000) 20 (3) 245-50. Ref: 104  
 Journal code: 8110297. ISSN: 0272-8087.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200103  
 ENTRY DATE: Entered STN: 20010404  
 Last Updated on STN: 20010404  
 Entered Medline: 20010308

L2 ANSWER 170 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:856542 CAPLUS  
 DOCUMENT NUMBER: 134:25697  
 TITLE: Calcium \*\*\*channels\*\*\* coupled to depolarization-evoked glutamate release in the myenteric plexus of guinea-pig ileum  
 AUTHOR(S): Reis, H. J.; Massensini, A. R.; Prado, M. A. M.; Gomez, R. S.; Gomez, M. V.; Romano-Silva, M. A.  
 CORPORATE SOURCE: Laboratorio de Neurofarmacologia, Divisao de Biologia Celular, Universidade Federal de Minas Gerais, Belo Horizonte, 31270-901, Brazil  
 SOURCE: Neuroscience (Oxford) (2000), 101(1), 237-242  
 CODEN: NRSCDN; ISSN: 0306-4522  
 PUBLISHER: Elsevier Science Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 171 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:117393 CAPLUS  
 DOCUMENT NUMBER: 132:149410  
 TITLE: Roles of intracellular Cl<sup>-</sup> regulation in the neural function of the brain  
 AUTHOR(S): Fukuda, Atsuo  
 CORPORATE SOURCE: Dep. Physiol., Hamamatsu Univ. Sch. Med., 3600 Handa-cho, Hamamatsu, Shizuoka, 431-3192, Japan  
 SOURCE: No no Kagaku (2000), 22(2), 219-223  
 CODEN: NNOKFZ; ISSN: 1343-4144  
 PUBLISHER: Seiya Shoten  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: Japanese

L2 ANSWER 172 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 2000:147230 CAPLUS  
 DOCUMENT NUMBER: 132:262934  
 TITLE: Mixed descending- and ascending-type thin limbs of Henle's loop in mammalian renal inner medulla  
 AUTHOR(S): Pannabecker, Thomas L.; Dahlmann, Anke; Brokl, Olga H.; Dantzier, William H.



CORPORATE SOURCE: Department of Physiology, College of Medicine,  
University of Arizona, Tucson, AZ, 85724-5051, USA  
SOURCE: American Journal of Physiology (2000), 278(2, Pt. 2),  
F202-F208  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 173 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:459339 CAPLUS  
DOCUMENT NUMBER: 133:145274  
TITLE: The high-affinity glutamate transporters GLT1, GLAST,  
and EAAT4 are regulated via different signalling  
mechanisms  
AUTHOR(S): Gegelashvili, Georgi; Dehnes, Yvette; Danbolt, Niels  
Christian; Schousboe, Arne  
CORPORATE SOURCE: NeuroScience PharmaBiotec Research Center, Department  
of Pharmacology, Royal Danish School of Pharmacy,  
Copenhagen, DK-2100, Den.  
SOURCE: Neurochemistry International (2000), 37(2-3), 163-170  
CODEN: NEUIDS; ISSN: 0197-0186  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 174 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:307693 CAPLUS  
DOCUMENT NUMBER: 132:318269  
TITLE: Multi-talented proteins in the CNS: can glutamate  
transporters also act as ligand-gated ion  
\*\*\*channels\*\*\* ?  
AUTHOR(S): Rauhen, Thomas  
CORPORATE SOURCE: Max-Planck-Institut für Hirnforschung, Frankfurt/M,  
60528, Germany  
SOURCE: Neuroforum (2000), 6(1), 149-151, 154-156  
CODEN: NRFMPQ; ISSN: 0947-0875  
PUBLISHER: Spektrum Akademischer Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: German  
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 175 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:478627 CAPLUS  
DOCUMENT NUMBER: 133:247623  
TITLE: Patterns of gene expression associated with  
BMP-2-induced osteoblast and adipocyte differentiation  
of mesenchymal progenitor cell 3T3-F442A  
AUTHOR(S): Ji, Xiaohui; Chen, Di; Xu, Chi; Harris, Steve E.;  
Mundy, Gregory R.; Yoneda, Toshiyuki  
CORPORATE SOURCE: Division of Endocrinology and Metabolism, Department  
of Medicine, University of Texas Health Science Center  
at San Antonio, San Antonio, TX, USA  
SOURCE: Journal of Bone and Mineral Metabolism (2000), 18(3),  
132-139  
CODEN: JBMMEA; ISSN: 0914-8779  
PUBLISHER: Springer-Verlag Tokyo  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 176 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2000411724 EMBASE  
TITLE: Cell pH and H<sup>+</sup> secretion by S3 segment of mammalian kidney:  
Role of H<sup>+</sup>-ATPase and Cl<sup>-</sup>.  
AUTHOR: Malnic G.; Geibel J.P.  
CORPORATE SOURCE: G. Malnic, Department Physiology and Biophysics, Instituto  
de Ciencias Biomedicas, Univ. Sao Paulo, Sao Paulo, SP,  
Brazil  
SOURCE: Journal of Membrane Biology, (15 Nov 2000) 178/2 (115-125).  
Refs: 43  
ISSN: 0022-2631 CODEN: JMBBBO  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 177 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2000299718 EMBASE  
TITLE: Tolbutamide stimulates exocytosis of glucagon by inhibition  
of a mitochondrial-like ATP-sensitive K<sup>+</sup> (K(ATP))  
conductance in rat pancreatic A-cells.  
AUTHOR: Høy M.; Olsen H.L.; Bokvist K.; Buschard K.; Barg S.;  
Rorsman P.; Gromada J.  
CORPORATE SOURCE: J. Gromada, Laboratory of Islet Cell Physiology, Islet  
Discovery Research, Novo Nordisk A/S, Novo Alle, DK-2880  
Bagsvaerd, Denmark. jlg@novodk.  
SOURCE: Journal of Physiology, (2000) 527/1 (109-120).  
Refs: 27  
ISSN: 0022-3751 CODEN: JPHYA7  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 003 Endocrinology  
030 Pharmacology  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 178 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2001:494769 CAPLUS  
DOCUMENT NUMBER: 136:230366  
TITLE: Effect of blockers of sarcolemmal ion  
\*\*\*transporting\*\*\* systems on intensity of heart  
damage during the calcium paradox  
AUTHOR(S): Alabovskii, V. V.; Cragoe, E. J., Jr.; Vinokurov, A.  
A.  
CORPORATE SOURCE: Voronezh, Med. Akad. im. N. N. Butenko, M2 i Med.  
Promyshlennosti RF, Voronezh, Russia  
SOURCE: Fiziologichnii Zhurnal (Kiev, Ukraine) (2000), 46(6),  
84-89  
CODEN: FIZHFQ  
PUBLISHER: Institut Fiziologii im. O. O. Bogomol'tsya NAN Ukrayni

DOCUMENT TYPE: Journal  
LANGUAGE: Russian  
L2 ANSWER 179 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2000281312 EMBASE  
TITLE: A mathematical model of the outer medullary collecting duct  
of the rat.  
AUTHOR: Weinstein A.M.  
CORPORATE SOURCE: A.M. Weinstein, Dept. of Physiology and Biophysics, Weill  
Medical College, Cornell University, 1300 York Avenue, New  
York, NY 10021, United States. alan@nephron.med.cornell.edu  
SOURCE: American Journal of Physiology - Renal Physiology, (2000)  
279/1 48-1 (F24-F45).  
Refs: 73  
ISSN: 0363-6127 CODEN: AJPPFK  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 180 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:683451 CAPLUS  
DOCUMENT NUMBER: 133:347777  
TITLE: CFTR, a rectifying, non-rectifying anion  
\*\*\*channel\*\*\* ?  
AUTHOR(S): Quinton, Paul M.; Reddy, M. M.  
CORPORATE SOURCE: Department of Pediatrics, UCSD School of Medicine, La  
Jolla, CA, 92103-0831, USA  
SOURCE: Journal of Korean Medical Science (2000), 15(Suppl.),  
S17-S20  
CODEN: JKMSEH; ISSN: 1011-8934  
PUBLISHER: Korean Academy of Medical Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 181 OF 519 MEDLINE DUPLICATE 16  
ACCESSION NUMBER: 2000181374 MEDLINE  
DOCUMENT NUMBER: 20181374 PubMed ID: 10718446  
TITLE: Response of the lungs to aspiration.  
AUTHOR: Effros R M; Jacobs E R; Schapira R M; Biller J  
CORPORATE SOURCE: Medical College of Wisconsin and Zablocki Veterans Affairs  
Medical Center, Milwaukee, USA.  
SOURCE: AMERICAN JOURNAL OF MEDICINE, (2000 Mar 6) 108 Suppl 4a  
15S-19S. Ref: 31  
Journal code: 0267200. ISSN: 0002-9343.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 200003  
ENTRY DATE: Entered STN: 20000330  
Last Updated on STN: 20000330  
Entered Medline: 20000321

L2 ANSWER 182 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:225958 CAPLUS  
DOCUMENT NUMBER: 133:133209  
TITLE: Response of the lungs to aspiration  
AUTHOR(S): Effros, Richard M.; Jacobs, Elizabeth R.; Schapira, R.  
M.; Biller, Julie  
CORPORATE SOURCE: Medical College of Wisconsin and Zablocki Veterans  
Affairs Medical Center, Milwaukee, WI, USA  
SOURCE: American Journal of Medicine (2000), 108(4A), 15S-19S  
CODEN: AJMEAZ; ISSN: 0002-9343  
PUBLISHER: Excerpta Medica, Inc.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 183 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 2001:311270 BIOSIS  
DOCUMENT NUMBER: PREV200100311270  
TITLE: Does Aquaporin-1 function as an ion \*\*\*channel\*\*\* in  
mercury-induced red cell hemolysis.  
AUTHOR(S): Winter, William P. (1); Fraser, Bevon (1)  
CORPORATE SOURCE: (1) Center for Sickle Cell Disease, Howard University,  
Washington, DC USA  
SOURCE: Blood, (November 16, 2000) Vol. 96, No. 11 Part 2, pp. 9b.  
print.  
Meeting Info.: 42nd Annual Meeting of the American Society  
of Hematology San Francisco, California, USA December  
01-05, 2000 American Society of Hematology  
. ISSN: 0006-4971.  
DOCUMENT TYPE: Conference  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 184 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:139901 CAPLUS  
DOCUMENT NUMBER: 133:37687  
TITLE: Meeting future challenges in topical ocular drug  
delivery: Development of an air-interfaced primary  
culture of rabbit conjunctival epithelial cells on a  
permeable support for drug transport studies  
AUTHOR(S): Yang, J. J.; Ueda, H.; Kim, K.-J.; Lee, V. H. L.  
CORPORATE SOURCE: School of Pharmacy, Department of Pharmaceutical  
Sciences, University of Southern California, Los  
Angeles, CA, USA  
SOURCE: Journal of Controlled Release (2000), 65(1-2), 1-11  
CODEN: JCREEC; ISSN: 0168-3659  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 185 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 2001:88781 BIOSIS  
DOCUMENT NUMBER: PREV200100088781  
TITLE: Transient decrease of glutamate uptake protein GLT-1 in  
iron induced epilepsy.  
AUTHOR(S): Ronne-Engstrom, E. A. (1); Samuelsson, C.; Flinck, R.;  
Kumlien, E.; Lindholm, D.

CORPORATE SOURCE: (1) University Hospital, Uppsala Sweden  
SOURCE: Society for Neuroscience Abstracts, (2000) Vol. 26, No.  
1-2, pp. Abstract No.-389.5. print.  
Meeting Info.: 30th Annual Meeting of the Society of  
Neuroscience New Orleans, LA, USA November 04-09, 2000  
Society for Neuroscience  
ISSN: 0190-5295.  
DOCUMENT TYPE: Conference  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
L2 ANSWER 186 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000-126653 [11] WPIDS  
DOC. NO. NON-CPI: N2000-095453  
DOC. NO. CPI: C2000-038586  
TITLE: Measuring relative cell function, e.g. binding, useful  
for identifying pharmaceuticals and antibiotics.  
DERWENT CLASS: B04 D16 J04 P78 S03  
INVENTOR(S): ALAJOKI, M L; SUNDBERG, S A; WADA, H G  
PATENT ASSIGNEE(S): (CALI-N) CALIPER TECHNOLOGIES CORP  
COUNTRY COUNT: 87  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
WO 9967639 A1 19991229 (200011)\* EN 80  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MY  
NL  
OA PT SD SE SL SZ UG ZW  
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES F  
GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TN  
TR  
TT UA UG US UZ VN YU ZA ZW  
AU 9949570 A 20000110 (200025)  
EP 1088229 A1 20010404 (200120) EN  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
WO 9967639 A1 WO 1999-US13918 19990621  
AU 9949570 A AU 1999-49570 19990621  
EP 1088229 A1 EP 1999-933529 19990621  
WO 1999-US13918 19990621

FILING DETAILS:  
PATENT NO KIND PATENT NO  
AU 9949570 A Based on WO 9967639  
EP 1088229 A1 Based on WO 9967639  
PRIORITY APPLN. INFO: US 1999-117370 19990127; US 1998-104519  
19980625

L2 ANSWER 187 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 2000-105911 [09] WPIDS  
DOC. NO. NON-CPI: N2000-081323  
DOC. NO. CPI: C2000-031836  
TITLE: Microfluid device for chemical and biological assays.  
DERWENT CLASS: A89 B04 D16 J04 S03  
INVENTOR(S): CHOW, A W; KOPP-SILL, A R; PARCE, J W; SUNDBERG, S A  
PATENT ASSIGNEE(S): (CALI-N) CALIPER TECHNOLOGIES CORP  
COUNTRY COUNT: 87  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
WO 9964836 A1 19991216 (200009)\* EN 75  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MY  
NL  
OA PT SD SE SL SZ UG ZW  
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES F  
GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TN  
TR  
TT UA UG US UZ VN YU ZA ZW  
AU 9945529 A 19991230 (200022)  
EP 1084391 A1 20010321 (200117) EN  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
US 6274089 B1 20010814 (200148)  
AU 747464 B 20020516 (200244)  
US 6551836 B1 20030422 (200330)

APPLICATION DETAILS:  
PATENT NO KIND APPLICATION DATE  
WO 9964836 A1 WO 1999-US12842 19990607  
AU 9945529 A AU 1999-45529 19990607  
EP 1084391 A1 EP 1999-928467 19990607  
WO 1999-US12842 19990607  
US 6274089 B1 US 1998-93489 19980608  
AU 747464 B AU 1999-45529 19990607  
US 6551836 B1 CIP of US 1998-93489 19980608  
Provisional US 1998-108628P 19981116  
Cont of WO 1999-US12842 19990607  
US 1999-442073 19991115

FILING DETAILS:  
PATENT NO KIND PATENT NO  
AU 9945529 A Based on WO 9964836  
EP 1084391 A1 Based on WO 9964836  
AU 747464 B Previous Publ. AU 9945529  
Based on WO 9964836  
US 6551836 B1 CIP of US 6274089  
PRIORITY APPLN. INFO: US 1998-108628P 19981116; US 1998-93489  
19980608; US 1999-442073 19991115

L2 ANSWER 188 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:759994 CAPLUS  
DOCUMENT NUMBER: 132:31744  
TITLE: Gene probes used for genetic profiling in healthcare  
screening and planning  
INVENTOR(S): Roberts, Gareth Wyn  
PATENT ASSIGNEE(S): Genositic Pharma Ltd, UK  
SOURCE: PCT Int. Appl., 745 pp.

CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE  
WO 9964627 A2 19991216 WO 1999-GB1780 19990604  
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
PRIORITY APPLN. INFO.: GB 1998-12099 A 19980606  
GB 1998-13291 A 19980620  
GB 1998-13611 A 19980624  
GB 1998-13835 A 19980627  
GB 1998-14110 A 19980701  
GB 1998-14580 A 19980707  
GB 1998-15438 A 19980716  
GB 1998-15574 A 19980718  
GB 1998-15576 A 19980718  
GB 1998-16085 A 19980724  
GB 1998-16086 A 19980724  
GB 1998-16921 A 19980805  
GB 1998-17097 A 19980807  
GB 1998-17200 A 19980808  
GB 1998-17632 A 19980814  
GB 1998-17943 A 19980819

L2 ANSWER 189 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:795993 CAPLUS  
DOCUMENT NUMBER: 132:31743  
TITLE: Gene probes used for genetic profiling in healthcare screening and planning  
INVENTOR(S): Roberts, Gareth Wyn  
PATENT ASSIGNEE(S): Genositic Pharma Limited, UK  
SOURCE: PCT Int. Appl., 149 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE  
WO 9964626 A2 19991216 WO 1999-GB1779 19990604  
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
CA 2330929 AA 19991216 CA 1999-2330929 19990604  
AU 9941586 A1 19991230 AU 1999-41586 19990604  
AU 9941587 A1 19991230 AU 1999-41587 19990604  
GB 2339200 A1 20000119 GB 1999-12914 19990604  
GB 2339200 B2 20010912  
EP 1084273 A1 20010321 EP 1999-925207 19990604  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  
PRIORITY APPLN. INFO.: GB 1998-12098 A 19980606  
GB 1998-28289 A 19981223  
GB 1998-16086 A 19980724  
GB 1998-16921 A 19980805  
GB 1998-17097 A 19980807  
GB 1998-17200 A 19980808  
GB 1998-17632 A 19980814  
GB 1998-17943 A 19980819  
WO 1999-GB1779 W 19990604

L2 ANSWER 190 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 1999:827204 SCISEARCH  
THE GENUINE ARTICLE: 2481T  
TITLE: Regulation of the amiloride-sensitive epithelial sodium \*\*\*channel\*\*\* by syntaxin 1A  
AUTHOR: Qi J J; Peters K W; Liu C G; Wang J M; Edinger R S; Johnson J P; Watkins S C; Frizzell R A (Reprint)  
CORPORATE SOURCE: UNIV PITTSBURGH, SCH MED, DEPT CELL BIOL & PHYSIOL, 3500 TERRACE ST, S362 BST, PITTSBURGH, PA 15261 (Reprint); UNIV PITTSBURGH, SCH MED, DEPT CELL BIOL & PHYSIOL, PITTSBURGH, PA 15261; UNIV PITTSBURGH, SCH MED, DEPT MED, PITTSBURGH, PA 15261  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (22 OCT 1999) Vol. 274, No. 43, pp. 30345-30348.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 26  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 191 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:11317 CAPLUS  
DOCUMENT NUMBER: 132:232473  
TITLE: Serial microanalysis of renal transcriptomes  
AUTHOR(S): Virion, Berangere; Cheval, Lydie; Buhler, Jean-Marie; Billon, Emmanuelle; Doucet, Alain; Elaloui, Jean-Marc  
CORPORATE SOURCE: Departement de Biologie Cellulaire et Moleculaire, Service de Biologie Cellulaire, Centre National de la Recherche Scientifique Unite de Recherche Associee 1859, Gif-sur-Yvette, 91191, Fr.  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1999), 96(26), 15286-15291  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 192 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:315405 CAPLUS  
DOCUMENT NUMBER: 131:114304  
TITLE: The neuron-specific K-Cl cotransporter, KCC2. Antibody development and initial characterization of the protein  
AUTHOR(S): Williams, Jeffery R.; Sharp, James W.; Kumari, Vijaya G.; Wilson, Martin; Payne, John A.  
CORPORATE SOURCE: Department of Human Physiology, School of Medicine, University of California, Davis, CA, 95616, USA  
SOURCE: Journal of Biological Chemistry (1999), 274(18), 12656-12664  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 193 OF 519 MEDLINE  
ACCESSION NUMBER: 1999199317 MEDLINE  
DOCUMENT NUMBER: 99199317 PubMed ID: 10097170  
TITLE: Coordinate regulation of gonadotropin-releasing hormone neuronal firing patterns by cytosolic calcium and store depletion.  
AUTHOR: Van Goor F; Krstanovic I Z; Cati K J; Stojiljkovic S S  
CORPORATE SOURCE: Endocrinology and Reproduction Research Branch, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD 20892-4510, USA.  
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Mar 30) 96 (7) 4101-6.  
Journal code: 7505876. ISSN: 0027-8424.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199905  
ENTRY DATE: Entered STN: 19990525  
Last Updated on STN: 19990525  
Entered Medline: 19990512

L2 ANSWER 194 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:198716 CAPLUS  
DOCUMENT NUMBER: 131:68952  
TITLE: Leishmania major Friedlin chromosome 1 has an unusual distribution of protein-coding genes  
AUTHOR(S): Myler, Peter J.; Audleman, Lindsey; DeVos, Theo; Hixson, Greg; Kiser, Patti; Lemley, Craig; Magness, Charles; Rickel, Enka; Sisk, Ellen; Sunkin, Susan; Swartzell, Steven; Westlake, Thomas; Bastien, Patrick; Fu, Guoliang; Ivens, Alasdair; Stuart, Kenneth  
CORPORATE SOURCE: Seattle Biomedical Research Institute, Seattle, WA, 98109-1651, USA  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1999), 96(6), 2902-2906  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 195 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:642032 CAPLUS  
DOCUMENT NUMBER: 132:76347  
TITLE: Expression of membrane transporters in cane toad Bufo marinus oocytes  
AUTHOR(S): Markovich, Daniel; Reeger, Ralf R.  
CORPORATE SOURCE: Department of Physiology and Pharmacology, The University of Queensland, Brisbane, 4072, Australia  
SOURCE: Journal of Experimental Biology (1999), 202(16), 2217-2223  
CODEN: JEBIAM; ISSN: 0022-0949  
PUBLISHER: Company of Biologists Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 196 OF 519 MEDLINE  
ACCESSION NUMBER: 1999098912 MEDLINE  
DOCUMENT NUMBER: 99098912 PubMed ID: 9880546  
TITLE: The expression of plasma membrane Ca2+ pump isoforms in cerebellar granule neurons is modulated by Ca2+.  
AUTHOR: Guenini D; Garcia-Martin E; Gerber A; Vollbracht C; Leist M; Merino C G; Carafoli E  
CORPORATE SOURCE: Institute of Biochemistry, Swiss Federal Institute of Technology, Biochemie III, Universitaetstrasse 16, CH-8092 Zurich, Switzerland.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jan 15) 274 (3) 1667-76.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199902  
ENTRY DATE: Entered STN: 19990223  
Last Updated on STN: 19990223  
Entered Medline: 19990211

L2 ANSWER 197 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:288990 CAPLUS  
DOCUMENT NUMBER: 131:100114  
TITLE: Characterization of a Na+-dependent betaine transporter with Cl- \*\*\*channel\*\*\* properties in squid motor neurons  
AUTHOR(S): Petty, Christopher N.; Lucero, Mary T.  
CORPORATE SOURCE: Department of Physiology, University of Utah School of Medicine, Salt Lake City, UT, 84108, USA  
SOURCE: Journal of Neurophysiology (1999), 81(4), 1567-1574  
CODEN: JONEA4; ISSN: 0022-3077  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 198 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:380468 CAPLUS  
DOCUMENT NUMBER: 131:156116  
TITLE: Mild spherocytosis and altered red cell ion transport in protein 4.2-null mice  
AUTHOR(S): Peters, Luanne L.; Jindel, Hitesh K.; Gwynn, Babette; Korsgren, Cathy; John, Kathryn M.; Lux, Samuel E.; Mohandas, Narla; Cohen, Carl M.; Cho, Michael R.; Golan, David E.; Brugnara, Carlo  
CORPORATE SOURCE: The Jackson Laboratory, Bar Harbor, ME, 04609, USA  
SOURCE: Journal of Clinical Investigation (1999), 103(11), 1527-1537  
CODEN: JCINAO; ISSN: 0021-9738  
PUBLISHER: American Society for Clinical Investigation  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 199 OF 519 MEDLINE  
ACCESSION NUMBER: 1999285850 MEDLINE  
DOCUMENT NUMBER: 99285850 PubMed ID: 10359317  
TITLE: Loss of fenamate-activated K+ current from epithelial cells during conical wound healing.  
AUTHOR: Watsky M A  
CORPORATE SOURCE: Department of Physiology and Biophysics, The University of Tennessee, Memphis 38163, USA.  
CONTRACT NUMBER: R29EY10178 (NEI)  
SOURCE: INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE, (1999 Jun) 40 (7) 1356-63.  
Journal code: 7703701. ISSN: 0146-0404.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199906  
ENTRY DATE: Entered STN: 19990628  
Last Updated on STN: 19990628  
Entered Medline: 19990617

L2 ANSWER 200 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 2000031603 EMBASE  
TITLE: Cellular and subcellular immunolocalization of CIC-5 \*\*\*channel\*\*\* in mouse kidney: Colocalization with H+-ATPase.  
AUTHOR: Sakamoto H.; Sado Y.; Naito I.; Kwon T.-H.; Inoue S.; Endo K.; Kawasaki M.; Uchida S.; Nielsen S.; Sasaki S.; Marumo F.  
CORPORATE SOURCE: H. Sakamoto, Second Dept. of Internal Medicine, Tokyo Medical and Dental University, 1-5-45 Yushima, Bunkyo-ku, Tokyo 113-8519, Japan. hsakamoto.med2@med.tmd.ac.jp  
SOURCE: American Journal of Physiology - Renal Physiology, (1999) 277(6) 46-6 (F957-F965).  
Reis: 33  
ISSN: 0363-6127 CODEN: AJPPFK  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 201 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:714772 CAPLUS  
DOCUMENT NUMBER: 132:18908  
TITLE: Glycine receptors: what gets in and why?  
AUTHOR(S): Barry, Peter H.; Schofield, Peter R.; Moorhouse, Andrew J.  
CORPORATE SOURCE: School of Physiology and Pharmacology, The University of New South Wales, Sydney, 2052, Australia  
SOURCE: Clinical and Experimental Pharmacology and Physiology (1999), 26(1), 935-936  
CODEN: CEXPBB; ISSN: 0305-1870  
PUBLISHER: Blackwell Science Asia Pty Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 202 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:441572 CAPLUS  
DOCUMENT NUMBER: 131:182745  
TITLE: A numerical model of the renal distal tubule  
AUTHOR(S): Chang, Hangli; Fujita, Toshiro  
CORPORATE SOURCE: Health Service Center, University of Tokyo, Tokyo, 153-8902, Japan  
SOURCE: American Journal of Physiology (1999), 276(6, Pt. 2), F931-F951  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 93 THERE ARE 93 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 203 OF 519 MEDLINE DUPLICATE 17  
ACCESSION NUMBER: 2000007235 MEDLINE  
DOCUMENT NUMBER: 20007235 PubMed ID: 10541222  
TITLE: Calcium transport in the kidney.  
AUTHOR: Friedman P A  
CORPORATE SOURCE: Department of Pharmacology, University of Pittsburgh, Pennsylvania, USA.. pa10@pitt.edu  
SOURCE: CURRENT OPINION IN NEPHROLOGY AND HYPERTENSION, (1999 Sep) 8 (5) 589-95. Ref: 58  
Journal code: 9303753. ISSN: 1062-4821.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199912  
ENTRY DATE: Entered STN: 20000113  
Last Updated on STN: 20000113  
Entered Medline: 19991210

L2 ANSWER 204 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:631880 CAPLUS  
DOCUMENT NUMBER: 132:61926  
TITLE: GAT1 (GABA:Na+:Cl-) cotransport function: steady state



studies in giant *Xenopus* oocyte membrane patches  
AUTHOR(S): Lu, Chin-Chih; Hilgemann, Donald W.  
CORPORATE SOURCE: Department of Physiology, University of Texas  
Southwestern Medical Center at Dallas, Dallas, TX,  
75235-9040, USA  
SOURCE: Journal of General Physiology (1999), 114(3), 429-444  
CODEN: JGPLAD; ISSN: 0022-1295  
PUBLISHER: Rockefeller University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 205 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
DUPLICATE 18  
ACCESSION NUMBER: 1999:193929 BIOSIS  
DOCUMENT NUMBER: PREV19990193929  
TITLE: Cloning and expression of CIC-type \*\*\*chloride\*\*\*  
\*\*\*channels\*\*\* from shark rectal gland, a dedicated NaCl  
\*\*\*transporting\*\*\* organ.  
AUTHOR(S): Mindell, J. A. (1); Williams, C. P. (1); Miller, C. (1)  
CORPORATE SOURCE: (1) Department of Biochemistry, Brandeis University and  
Howard Hughes Medical Institute, Waltham, MA USA  
SOURCE: Biophysical Journal, (Jan., 1999) Vol. 76, No. 1 PART 2,  
pp. A402.  
Meeting Info: Forty-third Annual Meeting of the  
Biophysical Society Baltimore, Maryland, USA February  
13-17, 1999  
ISSN: 0006-3495.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 206 OF 519 MEDLINE  
ACCESSION NUMBER: 1999340412 MEDLINE  
DOCUMENT NUMBER: 99340412 PubMed ID: 10222330  
TITLE: The physiological basis for altered Na<sup>+</sup> and Cl<sup>-</sup> movements  
across the gills of rainbow trout (*Oncorhynchus mykiss*) in  
alkaline (pH = 9.5) water.  
AUTHOR: Wilkie M P; Laurent P; Wood C M  
CORPORATE SOURCE: Department of Biology, McMaster University, Hamilton,  
Ontario L8S 4K1, Canada..mwilkie@mta.ca  
SOURCE: PHYSIOLOGICAL AND BIOCHEMICAL ZOOLOGY, (1999  
May-Jun) 72  
(3) 360-8.  
Journal code: 100883369. ISSN: 1522-2152.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199908  
ENTRY DATE: Entered STN: 19990827  
Last Updated on STN: 19990827  
Entered Medline: 19990817

L2 ANSWER 207 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 1999:89554 SCISEARCH  
THE GENUINE ARTICLE: 1538Y  
TITLE: Formal analysis of electrogenic sodium, potassium,  
\*\*\*chloride\*\*\* and bicarbonate transport in mouse colon  
epithelium  
AUTHOR: Cuthbert A W (Reprint); Hickman M E; MacVinish L J  
CORPORATE SOURCE: UNIV CAMBRIDGE, DEPT PHARMACOL, TENNIS  
COURT RD, CAMBRIDGE  
CB2 1QJ, ENGLAND (Reprint)  
COUNTRY OF AUTHOR: ENGLAND  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (JAN 1999) Vol. 126,  
No.  
1, pp. 358-364.  
Publisher: STOCKTON PRESS, HOUNDMILLS, BASINGSTOKE RG21  
6XS, HAMPSHIRE, ENGLAND.  
ISSN: 0007-1188.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 24  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 208 OF 519 MEDLINE  
ACCESSION NUMBER: 1999412538 MEDLINE  
DOCUMENT NUMBER: 99412538 PubMed ID: 10481124  
TITLE: Calcium accentuates injury induced by ethanol in human  
gastric cells.  
AUTHOR: Kokoska E R; Smith G S; Deshpande Y; Wolff A B; Rieckenberg  
C; Miller T A  
CORPORATE SOURCE: Theodore Cooper Surgical Research Institute, Department of  
Surgery, Saint Louis University Health Sciences Center, St.  
Louis, MO 63104, USA.  
CONTRACT NUMBER: DK25838 (NIDDK)  
SOURCE: JOURNAL OF GASTROINTESTINAL SURGERY, (1999 May-Jun) 3  
(3)  
308-18.  
Journal code: 9706084. ISSN: 1091-255X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200005  
ENTRY DATE: Entered STN: 20000518  
Last Updated on STN: 20000518  
Entered Medline: 20000510

L2 ANSWER 209 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:687334 CAPLUS  
DOCUMENT NUMBER: 132:164540  
TITLE: Dependence of the heart damage during the calcium  
paradox on anionic composition and osmotic pressure of  
extracellular medium  
AUTHOR(S): Alabovskiy, V. V.; Cragoe, E. J., Jr.; Dmitrashchuk, A.  
I.; Vinokurov, A. A.  
CORPORATE SOURCE: Voronezh State Medical Academy, Voronezh, 394622,  
Russia  
SOURCE: Rossiiskii Fiziologicheskii Zhurnal imeni I. M.  
Sechenova (1999), 85(2), 255-262  
CODEN: RFZSFY; ISSN: 1029-595X  
PUBLISHER: Nauka  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 210 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
DUPLICATE 19  
ACCESSION NUMBER: 1999:394318 BIOSIS

DOCUMENT NUMBER: PREV199900394318  
TITLE: Importance of iontransporting sarcolemmal systems in loss  
of amino acids during Ca depletion and myocardial damage  
during the calcium paradox.  
AUTHOR(S): Alabovskiy, V. V. (1); Cragoe, E. J., Jr.; Vinokurov, A. A.  
(1)  
CORPORATE SOURCE: (1) Voronezh State Medical Academy, 10-Studencheskaya  
street, Voronezh, 394622 Russia  
SOURCE: Voprosy Meditsinskoi Khimii, (May-June, 1999) Vol. 45, No.  
3, pp. 238-245.  
ISSN: 0042-8809.  
DOCUMENT TYPE: Article  
LANGUAGE: Russian  
SUMMARY LANGUAGE: English; Russian

L2 ANSWER 211 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:199057 CAPLUS  
DOCUMENT NUMBER: 130:348325  
TITLE: Cadmium Uptake and Defense Mechanism in Insect Cells  
AUTHOR(S): Braeckman, Bart; Smaghe, Guy; Brutsaert, Nathalie;  
Cornelis, Rita; Raes, Hilda  
CORPORATE SOURCE: Department of Biochemistry, University of Ghent,  
Ghent, B-9000, Belg.  
SOURCE: Environmental Research (1999), 80(3), 231-243  
CODEN: ENVRAL; ISSN: 0013-9351  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 66 THERE ARE 66 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 212 OF 519 MEDLINE  
ACCESSION NUMBER: 1999408532 MEDLINE  
DOCUMENT NUMBER: 99408532 PubMed ID: 10480655  
TITLE: Biphasic positive inotropic actions of doxorubicin in  
isolated guinea pig hearts: relation to Ca<sup>2+</sup> release from  
the sarcoplasmic reticulum.  
AUTHOR: Temma K; Chugun A; Hara Y; Sasaki T; Kondo H  
CORPORATE SOURCE: Department of Toxicology, School of Veterinary Medicine and  
Animal Sciences, Kitasato University, Towada, Aomori,  
Japan..temma@vmas.kitasato-u.ac.jp  
SOURCE: GENERAL PHARMACOLOGY, (1999 Sep) 33 (3) 229-36.  
Journal code: 7602417. ISSN: 0306-3623.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199910  
ENTRY DATE: Entered STN: 19991101  
Last Updated on STN: 19991101  
Entered Medline: 19991019

L2 ANSWER 213 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1999045369 EMBASE  
TITLE: Intracellular CFTR: Localization and function.  
AUTHOR: Bradbury N.A.  
CORPORATE SOURCE: N.A. Bradbury, Dept. of Cell Biology and Physiology, Univ.  
of Pittsburgh Sch. of Medicine, Pittsburgh, PA, United  
States  
SOURCE: Physiological Reviews, (1999) 79/1 SUPPL. 1 (S175-S191).  
Refs: 158  
ISSN: 0031-9333 CODEN: PHREA7  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 004 Microbiology  
005 General Pathology and Pathological Anatomy  
015 Chest Diseases, Thoracic Surgery and Tuberculosis  
029 Clinical Biochemistry  
048 Gastroenterology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 214 OF 519 MEDLINE  
ACCESSION NUMBER: 1999126558 MEDLINE  
DOCUMENT NUMBER: 99126558 PubMed ID: 9925884  
TITLE: Early metabolic inhibition-induced intracellular sodium and  
calcium increase in rat cerebellar granule cells.  
AUTHOR: Chen W H; Chu K C; Wu S J; Wu J C; Shui H A; Wu M L  
CORPORATE SOURCE: Institute of Physiology and Department of Internal  
Medicine, National Taiwan University Hospital, Taipei,  
Taiwan, Republic of China.  
SOURCE: JOURNAL OF PHYSIOLOGY, (1999 Feb 15) 515 ( Pt 1) 133-46.  
Journal code: 0266262. ISSN: 0022-3751.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199905  
ENTRY DATE: Entered STN: 19990525  
Last Updated on STN: 19990525  
Entered Medline: 19990507

L2 ANSWER 215 OF 519 MEDLINE  
ACCESSION NUMBER: 1999162460 MEDLINE  
DOCUMENT NUMBER: 99162460 PubMed ID: 10051692  
TITLE: Roles of Ca<sup>2+</sup> and protein tyrosine kinase in insulin action  
on cell volume via Na<sup>+</sup> and K<sup>+</sup> \*\*\*channels\*\*\* and  
Na<sup>+</sup>/K<sup>+</sup>-2Cl<sup>-</sup> cotransporter in fetal rat alveolar type II  
pneumocyte.  
AUTHOR: Marunaka Y; Niisato N; O'Brodovich H; Post M; Tanswell A K  
CORPORATE SOURCE: Lung Biology and MRC Group in Lung Development, Hospital  
for Sick Children Research Institute and Department of  
Pediatrics, University of Toronto Faculty of Medicine,  
Toronto, Ontario, Canada M5G 1X8.  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1999 Mar 1) 168 (1) 91-101.  
Journal code: 0211301. ISSN: 0022-2631.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199904  
ENTRY DATE: Entered STN: 19990504  
Last Updated on STN: 20000303  
Entered Medline: 19990422

L2 ANSWER 216 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2000:177680 CAPLUS  
DOCUMENT NUMBER: 132:263100  
TITLE: Evidence for the involvement of K<sup>+</sup> \*\*\*channels\*\*\*  
and K<sup>+</sup>-Cl<sup>-</sup> cotransport in the regulatory volume  
decrease of newborn rat cardiomyocytes  
AUTHOR(S): Tsouli, K.; Hannaert, P.

CORPORATE SOURCE: INSERM U400, Faculte de Medecine, Creteil, F-94010,  
Fr.  
SOURCE: Pfluegers Archiv (1999), 439(1-2), 56-66  
CODEN: PFLABK; ISSN: 0031-6768  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE  
FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 217 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:255788 CAPLUS  
DOCUMENT NUMBER: 131:55439  
TITLE: Phylogenetic characterization of novel transport  
protein families revealed by genome analyses  
AUTHOR(S): Saier, Milton H., Jr.; Eng, Brian H.; Fard, Sharouz;  
Garg, Joy; Haggerty, David A.; Hutchinson, William J.;  
Jack, Donald L.; Lai, Eric C.; Liu, Howard J.;  
Nusinev, David P.; Omar, Asad M.; Pao, Stephanie S.;  
Paulsen, Ian T.; Quan, John A.; Silwinski, Marek;  
Tseng, Tsai-Tien; Wachi, Shinichiro; Young, Gregory B.  
CORPORATE SOURCE: Department of Biology, University of California at San  
Diego, La Jolla, CA, 92093-0116, USA  
SOURCE: Biochimica et Biophysica Acta (1999), 1422(1), 1-56  
CODEN: BBACAQ; ISSN: 0006-3002  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 134 THERE ARE 134 CITED REFERENCES  
AVAILABLE FOR

THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L2 ANSWER 218 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1998-495376 [42] WPIDS  
DOC. NO. CPI: C1998-149131  
TITLE: Treating cystic fibrosis with agent that transports  
mutant protein to plasma membrane - where it forms  
functional \*\*\*chloride\*\*\* \*\*\*channels\*\*\*,  
especially deoxypergulin to prevent retention of protein  
in endoplasmic reticulum.  
DERWENT CLASS: B05  
INVENTOR(S): CHENG, S H; JIANG, C  
PATENT ASSIGNEE(S): (GENZ) GENZYME CORP  
COUNTRY COUNT: 21  
PATENT INFORMATION:

PATENT NO	KIND	WEEK	LA	PG
WO 9837878	A1	19980903	(199842)*	EN 64
RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
W: AU CA JP US				
US 5834421	A	19981110	(199901)	
US 9861856	A	19980918	(199908)	
US 5958524	A	19991116	(200001)	

#### APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9837878	A1	WO 1998-US3672	19980226
US 5834421	A	US 1997-807398	19970227
AU 9861856	A	AU 1998-61856	19980226
US 5958524	A CIP of	US 1997-807398	19970227
		US 1997-956320	19971023

#### FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9861856	A Based on	WO 9837878
US 5958524	A CIP of	US 5834421

PRIORITY APPLN. INFO: US 1997-956320 19971023; US 1997-807398  
19970227

L2 ANSWER 219 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1998-570939 [49] WPIDS  
DOC. NO. CPI: C1998-171688  
TITLE: Therapeutic device for \*\*\*transporting\*\*\* medicines -  
towards desired part of gastro-intestinal tract, in form  
of inert polymeric matrix housing medicinal substance and  
allowing its controlled release.

DERWENT CLASS: A96 B07  
PATENT ASSIGNEE(S): (UYSE-N) UNIV SEVILLA  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
ES 2120354	A1	19981016	(199849)*	1	
ES 2120354	B1	19990701	(199933)		

#### APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
ES 2120354	A1	ES 1996-385	19960212
ES 2120354	B1	ES 1996-385	19960212

PRIORITY APPLN. INFO: ES 1996-385 19960212

L2 ANSWER 220 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:640363 CAPLUS  
DOCUMENT NUMBER: 129:258972  
TITLE: Identification of tumor-associated alleles of genes  
essential for cell viability and growth and the  
development of neoplasm inhibitors targeted against  
them

INVENTOR(S): Housman, David; Ledley, Fred D.; Stanton, Vincent P.,  
Jr.  
PATENT ASSIGNEE(S): Variagenics, Inc., USA  
SOURCE: PCT Int. Appl., 605 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9841648	A2	19980924	WO 1998-US5419	19980319

WO 9841648 A3 19990429  
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,  
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US,  
UZ, VN, YU, ZW  
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
AU 9867643 A1 19981012 AU 1998-67643 19980319  
EP 973935 A2 20000126 EP 1998-912974 19980319  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, NL, SE, MC, PT,  
IE, FI  
PRIORITY APPLN. INFO.: US 1997-41057 P 19970320  
WO 1998-US5419 W 19980319

L2 ANSWER 221 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:509346 CAPLUS  
DOCUMENT NUMBER: 129:158848  
TITLE: Self-contained biochemical and immunochemical assay  
devices  
INVENTOR(S): Hardman, David John; Slater, James Howard; Reid, Adam  
G.; Lang, William Kenneth  
PATENT ASSIGNEE(S): Carbury Herne Ltd., UK  
SOURCE: PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9832018	A1	19980723	WO 1998-GB136	19980115
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, IL, IS, JP, KE, KG, KP, KR, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, WZ, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG AU 9855704 A1 19980807 AU 1998-55704 19980115 EP 968426 A1 20000105 EP 1998-900619 19980115 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, NL, SE, MC, PT, IE, FI JP 200150818 T2 20010619 JP 1998-533947 19980115 PRIORITY APPLN. INFO.: GB 1997-759 A 19970115 WO 1998-GB136 W 19980115 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 222 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:485073 CAPLUS  
DOCUMENT NUMBER: 129:118752  
TITLE: Method to diagnose pathological conditions resulting  
from deficient ion transport  
INVENTOR(S): Lifton, Richard P.; Simon, David B.  
PATENT ASSIGNEE(S): Yale University, USA  
SOURCE: PCT Int. Appl., 108 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9829431	A1	19980709	WO 1997-US23553	19971219
W: AU, CA, JP RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE AU 9860135 A1 19980731 AU 1998-60135 19971219 AU 746220 B2 20020418 EP 1030858 A1 20000830 EP 1997-954793 19971219 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, NL, SE, MC, PT, IE, FI JP 2001508291 T2 20010626 JP 1998-530123 19971219 PRIORITY APPLN. INFO.: US 1996-778052 A 19961231 WO 1997-US23553 W 19971219 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 223 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998374329 EMBASE  
TITLE: Angiotensin II stimulates vesicular H<sup>+</sup>-ATPase in rat  
proximal tubular cells.  
AUTHOR: Wagner C.A.; Giebisch G.; Lang F.; Geibel J.P.  
CORPORATE SOURCE: J.P. Geibel, Department of Surgery, Yale University School  
of Medicine, 310 Cedar Street, New Haven, CT 06520, United  
States. john.geibel@yale.edu  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America, (4 Aug 1998) 95/16 (9665-9668).  
Refs: 29  
ISSN: 0027-8424 CODEN: PNASA6  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 224 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998236999 EMBASE  
TITLE: CIC-5, the \*\*\*chloride\*\*\* \*\*\*channel\*\*\* mutated in  
Dent's disease, colocalizes with the proton pump in  
endocytotically active kidney cells.  
AUTHOR: Gunther W.; Luchow A.; Cluzeaud F.; Vandewalle A.; Jentsch  
T.J.  
CORPORATE SOURCE: T.J. Jentsch, ZMNH, Martinistr. 85, D-20246 Hamburg,  
Germany. Jentsch@plexus.uke.uni-hamburg.de  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America, (7 Jul 1998) 95/14 (8075-8080).  
Refs: 51  
ISSN: 0027-8424 CODEN: PNASA6  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 225 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998236957 EMBASE  
TITLE: \*\*\*Chloride\*\*\* \*\*\*channels\*\*\* and endocytosis:  
CIC-5 makes a Dent.

AUTHOR: George A.L. Jr.  
CORPORATE SOURCE: A.L. George Jr., Department of Medicine, Vanderbilt  
University Medical Center, Nashville, TN 37232, United  
States  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America, (7 Jul 1998) 95/14 (7843-7845).  
Refs: 33  
ISSN: 0027-8424 CODEN: PNASA6  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Note  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
028 Urology and Nephrology  
029 Clinical Biochemistry  
LANGUAGE: English

L2 ANSWER 226 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:633960 CAPLUS  
DOCUMENT NUMBER: 130:10891  
TITLE: Macroscopic and microscopic properties of a cloned  
glutamate transporter/ \*\*\*chloride\*\*\*  
\*\*\*channel\*\*\*  
AUTHOR(S): Wadiche, Jacques I.; Kavanaugh, Michael P.  
CORPORATE SOURCE: Vollum Institute, Oregon Health Sciences University,  
Portland, OR, 97201, USA  
SOURCE: Journal of Neuroscience (1998), 18(19), 7650-7661  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 227 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:301628 CAPLUS  
DOCUMENT NUMBER: 129:65837  
TITLE: The glutamate transporter EAAT4 in rat cerebellar  
Purkinje cells: a glutamate-gated \*\*\*chloride\*\*\*  
\*\*\*channel\*\*\* concentrated near the synapse in parts  
of the dendritic membrane facing astroglia  
AUTHOR(S): Dienes, Yvette; Chaudhry, Farukh A.; Ullensvang,  
Kyrre; Lehre, Knut P.; Storm-Mathisen, Jon; Danbolt,  
Niels C.  
CORPORATE SOURCE: Department of Anatomy, University of Oslo, Oslo, N-03  
17, Norway  
SOURCE: Journal of Neuroscience (1998), 18(10), 3606-3619  
CODEN: JNRSDS; ISSN: 0270-6474  
PUBLISHER: Society for Neuroscience  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 228 OF 519 MEDLINE  
ACCESSION NUMBER: 1998171553  
DOCUMENT NUMBER: 98171553 PubMed ID: 9502807  
TITLE: Calcium extrusion from mammalian photoreceptor terminals.  
AUTHOR: Morgans C W; El Far O; Bernstein A; Wassle H; Taylor W R  
CORPORATE SOURCE: Department of Neuroanatomy, Max-Planck-Institute f-60528  
Frankfurt, Germany.  
SOURCE: JOURNAL OF NEUROSCIENCE, (1998 Apr 1) 18 (7) 2467-74.  
Journal code: 8102140. ISSN: 0270-6474.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199804  
ENTRY DATE: Entered STN: 19980416  
Last Updated on STN: 19990129  
Entered Medline: 19980407

L2 ANSWER 229 OF 519 MEDLINE  
ACCESSION NUMBER: 1999063247 MEDLINE  
DOCUMENT NUMBER: 99063247 PubMed ID: 9848501  
TITLE: Tyrosine kinase inhibitor effects on avian osteoclastic  
acid transport.  
AUTHOR: Williams J P; Jordan S E; Barnes S; Blair H C  
CORPORATE SOURCE: Department of Pathology, University of Alabama at  
Birmingham, and Veteran's Affairs Medical Center,  
35294-0007, USA.  
CONTRACT NUMBER: AG 12951 (NIA)  
AR 43225 (NIAMS)  
CA 61668 (NCI)  
SOURCE: AMERICAN JOURNAL OF CLINICAL NUTRITION, (1998 Dec) 68  
(6  
Suppl) 1369S-1374S.  
Journal code: 0376027. ISSN: 0002-9165.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199901  
ENTRY DATE: Entered STN: 19990115  
Last Updated on STN: 19990115  
Entered Medline: 19990106

L2 ANSWER 230 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:789343 CAPLUS  
DOCUMENT NUMBER: 130:163152  
TITLE: Tyrosine kinase inhibitor effects on avian  
osteoclastic acid transport  
AUTHOR(S): Williams, John P.; Jordan, S. Elizabeth; Barnes,  
Stephen; Blair, Harry C.  
CORPORATE SOURCE: Departments of Pathology and Pharmacology and  
Toxicology, Laboratory Service, Veteran's Affairs  
Medical Center, University of Alabama at Birmingham,  
Birmingham, AL, USA  
SOURCE: American Journal of Clinical Nutrition (1998), 68(6,  
Suppl.), 1369S-1374S  
CODEN: AJCNAC; ISSN: 0002-9165  
PUBLISHER: American Society for Clinical Nutrition  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 231 OF 519 MEDLINE  
ACCESSION NUMBER: 199844639 MEDLINE  
DOCUMENT NUMBER: 9844639 PubMed ID: 9767536  
TITLE: Mechanisms through which high glucose concentration raises  
[Ca<sup>2+</sup>]<sub>i</sub> in renal proximal tubular cells.  
AUTHOR: Symonian M; Smogorzewski M; Marcinkowski W; Krol E; Masary

S G  
CORPORATE SOURCE: Department of Medicine, University of Southern California  
School of Medicine, Los Angeles, USA.  
CONTRACT NUMBER: 29955  
SOURCE: KIDNEY INTERNATIONAL, (1998 Oct) 54 (4) 1206-13.  
Journal code: 0323470. ISSN: 0085-2538.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199812  
ENTRY DATE: Entered STN: 19990115  
Last Updated on STN: 20000303  
Entered Medline: 19981231

L2 ANSWER 232 OF 519 MEDLINE  
ACCESSION NUMBER: 1998149786 MEDLINE  
DOCUMENT NUMBER: 98149786 PubMed ID: 9480924  
TITLE: Evidence for the intracellular location of \*\*\*chloride\*\*\*  
\*\*\*channel\*\*\* (CIC)-type proteins: co-localization of  
CIC-6a and CIC-6c with the sarco/endoplasmic-reticulum Ca<sup>2+</sup>  
pump SERCA2b.  
AUTHOR: Buyse G; Trouet D; Voets T; Missiaen L; Droogmans G; Nilius  
B; Eggemont J  
CORPORATE SOURCE: Laboratorium voor Fysiologie, Katholieke Universiteit  
Leuven, Campus Gasthuisberg, B-3000 Leuven, Belgium.  
SOURCE: BIOCHEMICAL JOURNAL, (1998 Mar 1) 330 ( Pt 2) 1015-21.  
Journal code: 2984726R. ISSN: 0264-6021.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199804  
ENTRY DATE: Entered STN: 19980422  
Last Updated on STN: 19980422  
Entered Medline: 19980416

L2 ANSWER 233 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:278107 CAPLUS  
DOCUMENT NUMBER: 129:26288  
TITLE: Sertoli cell expression of the cystic fibrosis  
transmembrane conductance regulator  
AUTHOR(S): Boockfor, Fredric R.; Morris, Rebecca A.; DeSimone,  
Dennis C.; Hunt, D. Margaret; Walsh, Kenneth B.  
CORPORATE SOURCE: Departments of Cell Biology and Neuroscience,  
University of South Carolina School of Medicine,  
Columbia, SC, 29208, USA  
SOURCE: American Journal of Physiology (1998), 274(4, Pt. 1),  
C922-C930  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 234 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998267702 EMBASE  
TITLE: Ion transporters and receptors in cDNA libraries from lens  
and cornea epithelia.  
AUTHOR: Shepard A.R.; Rae J.L.  
CORPORATE SOURCE: Dr. J.L. Rae, Department of Physiology, Mayo Foundation,  
200 1st St SW, Rochester, MN 55905, United States  
SOURCE: Current Eye Research, (1998) 17/7 (708-719).  
Refs: 33  
ISSN: 0271-3683 CODEN: CEYRDM  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 012 Ophthalmology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 235 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998041635 EMBASE  
TITLE: Mode of interaction of the single a subunit with the  
multimeric c subunits during the translocation of the  
coupling ions by F1F0 ATPases.  
AUTHOR: Kaím G.; Matthay U.; Dimroth P.  
CORPORATE SOURCE: P. Dimroth, Mikrobiologisches Institut, Eidgenossische  
Technische Hochschule, ETH-Zentrum, Schmelzbergstr. 7,  
CH-8092 Zurich, Switzerland. dimroth@micro.biol.ethz.ch  
SOURCE: EMBO Journal, (2 Feb 1998) 17/3 (688-695).  
Refs: 31  
ISSN: 0261-4189 CODEN: EMJODG  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 004 Microbiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 236 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:544730 CAPLUS  
DOCUMENT NUMBER: 129:258273  
TITLE: Activation of .DELTA.F508 CFTR in an epithelial  
monolayer  
AUTHOR(S): Bebok, Zsuzsa; Venglarik, Charles J.; Panczel, Zita;  
Jilling, Tamas; Kirk, Kevin L.; Sorscher, Eric J.  
CORPORATE SOURCE: Gregory Fleming James Cystic Fibrosis Research Center,  
University of Alabama at Birmingham, Birmingham, AL,  
35294, USA  
SOURCE: American Journal of Physiology (1998), 275(2, Pt. 1),  
C599-C607  
CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE  
FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 237 OF 519 MEDLINE  
ACCESSION NUMBER: 1998191191 MEDLINE  
DOCUMENT NUMBER: 98191191 PubMed ID: 9530160  
TITLE: The primary and final effect mechanisms required for  
kinin-induced epithelial \*\*\*chloride\*\*\* secretion.  
AUTHOR: Cubbert A W; Huxley C  
CORPORATE SOURCE: Department of Pharmacology, University of Cambridge, United  
Kingdom  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1998 Mar) 274 (3 Pt 1)  
G578-83.  
Journal code: 0370511. ISSN: 0002-9513.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199804  
ENTRY DATE: Entered STN: 19980507  
Last Updated on STN: 19980507  
Entered Medline: 19980424

L2 ANSWER 238 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 1998:208937 SCISEARCH  
THE GENUINE ARTICLE: ZA599  
TITLE: The primary and final effector mechanisms required for kinin-induced epithelial \*\*\*chloride\*\*\* secretion  
AUTHOR: Cuthbert A W (Reprint); Huxley C  
CORPORATE SOURCE: UNIV CAMBRIDGE, DEPT PHARMACOL, TENNIS COURT RD, CAMBRIDGE  
CB2 1QJ, ENGLAND (Reprint); ST MARYS HOSP, SCH MED, DEPT BIOCHEM & MOL GENET, LONDON W2 1PG, ENGLAND  
COUNTRY OF AUTHOR: ENGLAND  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY-GASTROINTESTINAL AND LIVER PHYSIOLOGY, (MAR 1998) Vol. 37, No. 3, pp. G578-G583.  
Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.  
ISSN: 0193-1857.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 30  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 239 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:368950 CAPLUS  
DOCUMENT NUMBER: 129:119385  
TITLE: Identification and purification of the calcium-regulated Ca2+-ATPase from the endoplasmic reticulum of a higher plant mechanoreceptor organ  
AUTHOR(S): Liss, Harald; Bockelmann, Christian; Werner, Nicola; Fromm, Hillel; Weiler, Elmar W.  
CORPORATE SOURCE: Fakultat fur Biologie, Lehrstuhl fur Pflanzenphysiologie, Ruhr-Univ., Bochum, D-44780, Germany  
SOURCE: Physiologia Plantarum (1998), 102(4), 561-572  
CODEN: PHPLAI; ISSN: 0031-9317  
PUBLISHER: Munksgaard International Publishers Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 65 THERE ARE 65 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 240 OF 519 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 22  
ACCESSION NUMBER: 1998:618011 CAPLUS  
DOCUMENT NUMBER: 129:312231  
TITLE: Prodigiosins uncouple mitochondrial and bacterial F-ATPases: evidence for their H+/Cl- symport activity  
AUTHOR(S): Konno, Hiroki; Matsuya, Hidekazu; Okamoto, Masayuki; Sato, Tomohiko; Tanaka, Yasufumi; Yokoyama, Ken; Kataoka, Takao; Nagai, Kazuo; Wasserman, Harry H.; Ohkuma, Shoji  
CORPORATE SOURCE: Laboratory of Biochemistry, Department of Molecular and Cell Biology, Faculty of Pharmaceutical Sciences, Kanazawa University, Ishikawa, 920-0934, Japan  
SOURCE: Journal of Biochemistry (Tokyo) (1998), 124(3), 547-556  
CODEN: JOBIAO; ISSN: 0021-924X  
PUBLISHER: Japanese Biochemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 241 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:174494 CAPLUS  
DOCUMENT NUMBER: 128:290336  
TITLE: Substitutions of the highly conserved M2 leucine create spontaneously opening .rho.1 .gamma.-aminobutyric acid receptors  
AUTHOR(S): Chang, Yongchang; Weiss, David S.  
CORPORATE SOURCE: Departments of Neurobiology and Physiology & Biophysics, University of Alabama at Birmingham, Birmingham, AL, 35294, USA  
SOURCE: Molecular Pharmacology (1998), 53(3), 511-523  
CODEN: MOPMA3; ISSN: 0026-895X  
PUBLISHER: Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 242 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998363864 EMBASE  
TITLE: Activation of H+-ATPase by hypotonicity: A novel regulatory mechanism for H+ secretion in IMCD cells.  
AUTHOR: Amlal H.; Goel A.; Soleimani M.  
CORPORATE SOURCE: H. Amlal, Univ. of Cincinnati Hospital, 231 Bethesda Ave, Cincinnati, OH 45267-0585, United States  
SOURCE: American Journal of Physiology - Renal Physiology, (1998) 275(4 44-4 (F487-F501).  
Refs: 46  
ISSN: 0363-6127 CODEN: AJPPFK  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
028 Urology and Nephrology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 243 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:544705 CAPLUS  
DOCUMENT NUMBER: 129:255361  
TITLE: A rat parotid gland cell line, Par-C10, exhibits neurotransmitter-regulated transepithelial anion secretion  
AUTHOR(S): Turner, John T.; Redman, Robert S.; Camden, Jean M.; Landon, Linda A.; Quissell, David O.  
CORPORATE SOURCE: Department of Pharmacology, School of Medicine, University of Missouri, Columbia, MO, 65212, USA  
SOURCE: American Journal of Physiology (1998), 275(2, Pt. 1), C367-C374

CODEN: AJPHAP; ISSN: 0002-9513  
PUBLISHER: American Physiological Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 244 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1999:5025 CAPLUS  
DOCUMENT NUMBER: 130:205250  
TITLE: Probing structure of neurotransmitter transporters by substituted-cysteine accessibility method  
AUTHOR(S): Javitch, Jonathan A.  
CORPORATE SOURCE: Departments of Psychiatry and Pharmacology, Center for Molecular Recognition, College of Physicians and Surgeons, Columbia University, New York, NY, 10032, USA  
SOURCE: Methods in Enzymology (1998), 296(Neurotransmitter Transporters), 331-346  
CODEN: MENZAU; ISSN: 0076-6879  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 245 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:312703 CAPLUS  
DOCUMENT NUMBER: 129:93606  
TITLE: The molecular genetic approach to "Barter's syndrome"  
AUTHOR(S): Karolyi, Lothar; Koch, Manuela C.; Grzeschik, Karl-Heinz; Seyberth, Hannsjorg W.  
CORPORATE SOURCE: Medizinisches Zentrum fur Humangenetik, Philipps-Universitat, Marburg, D-35037, Germany  
SOURCE: Journal of Molecular Medicine (Berlin) (1998), 76(5), 317-325  
CODEN: JMLME8; ISSN: 0946-2716  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 246 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:510278 CAPLUS  
DOCUMENT NUMBER: 129:228768  
TITLE: Mechanisms of amino acid release from the isolated anoxic/reperfused rat heart  
AUTHOR(S): Song, Dekun; O'Regan, Michael H.; Philis, John W.  
CORPORATE SOURCE: Department of Physiology, Wayne State University School of Medicine, Detroit, MI, 48201, USA  
SOURCE: European Journal of Pharmacology (1998), 351(3), 313-322  
CODEN: EUPHAZ; ISSN: 0014-2999  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 247 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:794098 CAPLUS  
DOCUMENT NUMBER: 130:121084  
TITLE: Photoelectric response of halorhodopsin from Natronobacterium pharaonis  
AUTHOR(S): Koyama, Koichi; Sumi, Masato; Kamo, Naoki; Lanyi, Janos K.  
CORPORATE SOURCE: PRESTO, Japan Science and Technology and Center for Advanced Science and Technology, Hokkaido University, Sapporo, 060-0812, Japan  
SOURCE: Bioelectrochemistry and Bioenergetics (1998), 46(2), 289-292  
CODEN: BEBEBP; ISSN: 0302-4598  
PUBLISHER: Elsevier Science S.A.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 248 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:546445 CAPLUS  
DOCUMENT NUMBER: 129:288062  
TITLE: Organic osmolytes and cell volume regulation: taurine transporters in liver and kidney  
AUTHOR(S): Kinne, Rolf K. H.; Ruhfus, Birgit; Boese, Stefan H.; Wehner, Frank  
CORPORATE SOURCE: Max-Planck-Institut molekulare Physiologie, Abteilung Epithelphysiologie, Dortmund, D-44139, Germany  
SOURCE: Nova Acta Leopoldina (1998), 78(306, Renal and Hepatic Transport--Similarities and Differences), 243-252  
CODEN: NOALAA; ISSN: 0369-5034  
PUBLISHER: Deutsche Akademie der Naturforscher Leopoldina  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 249 OF 519 MEDLINE  
ACCESSION NUMBER: 1998044265 MEDLINE  
DOCUMENT NUMBER: 98044265 PubMed ID: 9382936  
TITLE: Depletion of either ryanodine- or IP3-sensitive calcium stores activates capacitative calcium entry in mouse aortic smooth muscle cells.  
AUTHOR: Wayman C P; Gibson A; McFadzean I  
CORPORATE SOURCE: Pharmacology Group, Division of Biomedical Sciences, King's College London, Manresa Road, London SW3 6LX, UK.  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (1998 Jan) 435 (2) 231-9.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980217  
Last Updated on STN: 19980217  
Entered Medline: 19980205

L2 ANSWER 250 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:448834 CAPLUS  
DOCUMENT NUMBER: 129:187065  
TITLE: Venetridine- and glutamate-induced release of [3H]-GABA from cultured chick retina cells: possible involvement of a GAT-1-like subtype of GABA transporter  
AUTHOR(S): do Nascimento, Jose Luiz Martins; Ventura, Ana Lucia Marques; Paes de Carvalho, Roberto  
CORPORATE SOURCE: Department of Physiology, Federal University of Para, Belem, Brazil  
SOURCE: Brain Research (1998), 798(1,2), 217-222  
CODEN: BRREAP; ISSN: 0006-8993  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 251 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 1998416692 EMBASE  
TITLE: Role of apical H-K exchange and basolateral K \*\*\*channel\*\*\* in the regulation of intracellular pH in rat distal colon crypt cells.  
AUTHOR: Ikuma M.; Binder H.J.; Geibel J.  
CORPORATE SOURCE: J. Geibel, Department of Surgery and Cellular, Yale University School of Medicine, New Haven, CT 06520, United States  
SOURCE: Journal of Membrane Biology, (1 Dec 1998) 166(3) (205-212).  
Refs: 48  
ISSN: 0022-2631 CODEN: JMBBBO  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 252 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:767276 CAPLUS  
DOCUMENT NUMBER: 130:166266  
TITLE: Ion transporter and \*\*\*channel\*\*\* mutations in Bartter's and Gitelman's syndromes of inherited hypokalemic alkalosis  
AUTHOR(S): Simon, David B.; Lifton, Richard P.  
CORPORATE SOURCE: Departments of Medicine (Nephrology) and Genetics, Howard Hughes Medical Institute, New Haven, USA  
SOURCE: Clinical and Experimental Nephrology (1998), 2(3), 199-203  
CODEN: CENPFV; ISSN: 1342-1751  
PUBLISHER: Churchill Livingstone  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 253 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:486975 CAPLUS  
DOCUMENT NUMBER: 129:198134  
TITLE: Molecular basis for differential inhibition of glutamate transporter subtypes by zinc ions  
AUTHOR(S): Vandenberg, Robert J.; Mitrovic, Ann D.; Johnston, Graham A. R.  
CORPORATE SOURCE: Department of Pharmacology, The University of Sydney, Sydney, 2006, Australia  
SOURCE: Molecular Pharmacology (1998), 54(1), 189-196  
CODEN: MOPMA3; ISSN: 0026-895X  
PUBLISHER: Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 254 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
DUPLICATE 23  
ACCESSION NUMBER: 1999:1799 BIOSIS  
DOCUMENT NUMBER: PREV199900001799  
TITLE: Luminal ion \*\*\*channels\*\*\* involved in isotonic secretion by Na+ recirculation in exocrine gland-acini.  
AUTHOR(S): Sorensen, Jakob Balslev; Nielsen, Morten Schak; Nielsen, Robert; Larsen, Erik Hviid  
CORPORATE SOURCE: August Krogh Inst., DK-2100 Copenhagen O Denmark  
SOURCE: Kongelige Danske Videnskabernes Selskab Biologiske Skrifter, (1998) Vol. 49, No. 0, pp. 179-191.  
ISSN: 0366-3612.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L2 ANSWER 255 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:439231 CAPLUS  
DOCUMENT NUMBER: 129:198223  
TITLE: AVP stimulation of amiloride-insensitive ion transports in A 6 cells  
AUTHOR(S): Momose, Takashi  
CORPORATE SOURCE: Third Dep. Internal Med., Teikyo Univ. Sch. Med., Japan  
SOURCE: Teikyo Igaku Zasshi (1998), 21(2), 175-189  
CODEN: TIGDZJ; ISSN: 0387-5547  
PUBLISHER: Teikyo Daigaku Igakubu  
DOCUMENT TYPE: Journal  
LANGUAGE: Japanese

L2 ANSWER 256 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1998:767029 CAPLUS  
DOCUMENT NUMBER: 130:148816  
TITLE: Molecular cloning and expression of the rat EAAT4 glutamate transporter subtype  
AUTHOR(S): Lin, Chien-Liang Glenn; Tzingounis, Anastassios V.; Jin, Lin; Furuta, Akiko; Kavanaugh, Michael P.; Rohdstein, Jeffrey D.  
CORPORATE SOURCE: Department of Neurology, Johns Hopkins University, Baltimore, MD, USA  
SOURCE: Molecular Brain Research (1998), 63(1), 174-179  
CODEN: MBRE44; ISSN: 0169-328X  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 257 OF 519 MEDLINE  
 ACCESSION NUMBER: 1998345401 MEDLINE  
 DOCUMENT NUMBER: 98345401 PubMed ID: 9679170  
 TITLE: Adrenergic regulation of calcium-activated potassium current in cultured rabbit pigmented ciliary epithelial cells.  
 AUTHOR: Ryan J S; Tao Q P; Kelly M E  
 CORPORATE SOURCE: Department of Pharmacology, Dalhousie University, Halifax, Nova Scotia, Canada B3H 4H7.  
 SOURCE: JOURNAL OF PHYSIOLOGY, (1998 Aug 15) 511 ( Pt 1) 145-57.  
 Journal code: 0266262. ISSN: 0022-3751.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199811  
 ENTRY DATE: Entered STN: 19990106  
 Last Updated on STN: 20000303  
 Entered Medline: 19981106

L2 ANSWER 258 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
 ACCESSION NUMBER: 1998117740 EMBASE  
 TITLE: Gill morphology and acid-base regulation in freshwater fishes.  
 AUTHOR: Goss G.G.; Perry S.F.; Fryer J.N.; Laurent P.  
 CORPORATE SOURCE: S.F. Perry, University of Ottawa, Dept. of Biology, 30 Marie Curie, Ottawa K1N 6N5, Canada  
 SOURCE: Comparative Biochemistry and Physiology - A Molecular and Integrative Physiology, (1998) 119/1 (107-115).  
 Refs: 75  
 ISSN: 1095-6433 CODEN: CBFAB5  
 PUBLISHER IDENT.: S 1095-6433(97)00401-7  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 002 Physiology  
 029 Clinical Biochemistry  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 259 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:441199 CAPLUS  
 DOCUMENT NUMBER: 129:187060  
 TITLE: Identification and characterization of a cDNA encoding a neuronal glutamate transporter from Drosophila melanogaster  
 AUTHOR(S): Seal, Rebecca P.; Daniels, Gwynn M.; Wolfgang, William J.; Forte, Michael A.; Amara, Susan G.  
 CORPORATE SOURCE: Program in Neuroscience, Oregon Health Sciences University, Portland, OR, 97201, USA  
 SOURCE: Receptors and Channels (1998), 6(1), 51-64  
 CODEN: RCHAE4; ISSN: 1060-6823  
 PUBLISHER: Harwood Academic Publishers  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 260 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:610171 CAPLUS  
 DOCUMENT NUMBER: 130:23383  
 TITLE: Salt and hypertension. The file thickens  
 AUTHOR(S): Meneton, Pierre; Jeunemaitre, Xavier; Menard, Joel  
 CORPORATE SOURCE: INSERM 367, Paris, Fr.  
 SOURCE: Recherche (1998), 3(12), 50-56  
 CODEN: RCCHBV; ISSN: 0029-5671  
 PUBLISHER: Societe d'Editions Scientifiques  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: French  
 REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 261 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1999:93883 CAPLUS  
 DOCUMENT NUMBER: 130:323741  
 TITLE: Discrimination by valinomycin K-selective surface microelectrodes of a sulfonyleurea-sensitive and a distinct sulfonyleurea-, barium-, TEA- and cinnamate-insensitive component of K-efflux from isolated pig coronary arteries during simulated ischemia  
 AUTHOR(S): Gasser, R.; Horn, S.; Koppel, H.  
 CORPORATE SOURCE: Experimental Cardiology Dept. of Internal Medicine, University of Graz, Austria  
 SOURCE: Journal of Clinical and Basic Cardiology (1998), 1(1), 43-51  
 CODEN: JCBCT  
 PUBLISHER: Krause & Pachemegg GmbH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 262 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1998:191504 CAPLUS  
 DOCUMENT NUMBER: 128:304011  
 TITLE: Cytoplasmic pH responses to carbonic anhydrase inhibitors in cultured rabbit nonpigmented ciliary epithelium  
 AUTHOR(S): Wu, Q.; Pierce, W. M., Jr.; Delamere, N. A.  
 CORPORATE SOURCE: Department of Pharmacology and Toxicology, University of Louisville, Louisville, KY, 40292, USA  
 SOURCE: Journal of Membrane Biology (1998), 162(1), 31-38  
 CODEN: JMBBBO; ISSN: 0022-2631  
 PUBLISHER: Springer-Verlag New York Inc.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 263 OF 519 MEDLINE  
 ACCESSION NUMBER: 2000071598 MEDLINE  
 DOCUMENT NUMBER: 20071598 PubMed ID: 10603931  
 TITLE: The Ca(2+)-ATPase of the sarcoplasmic reticulum in skeletal and cardiac muscle. An overview from the very beginning to more recent prospects.  
 AUTHOR: Hasselbach W  
 CORPORATE SOURCE: Max-Planck-Institut für Medizinische Forschung Heidelberg, Germany.  
 SOURCE: ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1998 Sep 16)

853 1-8. Ref: 31

Journal code: 7506858. ISSN: 0077-8923.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 200001  
 ENTRY DATE: Entered STN: 20000124  
 Last Updated on STN: 20000124  
 Entered Medline: 20000107

L2 ANSWER 264 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
 ACCESSION NUMBER: 1998279870 EMBASE  
 TITLE: Interaction of reactive oxygen species with ion transport mechanisms.  
 AUTHOR: Kourie J.I.  
 CORPORATE SOURCE: J.I. Kourie, Membrane Transport Group, Department of Chemistry, Australian National University, Canberra, ACT 0200, Australia  
 SOURCE: American Journal of Physiology - Cell Physiology, (1998) 275/1 44-1 (C1-C24).  
 Refs: 190  
 ISSN: 0363-6143 CODEN: AJPCDD  
 COUNTRY: United States  
 DOCUMENT TYPE: Journal; General Review  
 FILE SEGMENT: 029 Clinical Biochemistry  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 265 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:723964 CAPLUS  
 DOCUMENT NUMBER: 127:319273  
 TITLE: Serine-Based Cyclopeptides on an Adamantane Building Block: Design, Synthesis, and Characterization of a Novel Family of Macrocyclic Membrane Ion-Transporting Dipeptides  
 AUTHOR(S): Ranganathan, Darshan; Haridas, V.; Madhusudan, K. P.; Roy, Raja; Nagaraj, R.; John, G. B.  
 CORPORATE SOURCE: Biomolecular Research Unit, Regional Research Laboratory (CSIR), Trivandrum, 695019, India  
 SOURCE: Journal of the American Chemical Society (1997), 119(48), 11578-11584  
 CODEN: JACSAT; ISSN: 0002-7863  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 266 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:262545 CAPLUS  
 DOCUMENT NUMBER: 126:340188  
 TITLE: Excitatory amino acid transporter 5, a retinal glutamate transporter coupled to a chloride conductance  
 AUTHOR(S): Arriza, Jeffrey J.; Eliasof, Scott; Kavanaugh, Michael P.; Amara, Susan G.  
 CORPORATE SOURCE: Vollum Inst. for Advanced Biomed. Res., Oregon Health Sciences Univ., Portland, OR, 97210, USA  
 SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1997), 94(8), 4155-4160  
 CODEN: PNASA6; ISSN: 0027-8424  
 PUBLISHER: National Academy of Sciences  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 267 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
 ACCESSION NUMBER: 1998000257 EMBASE  
 TITLE: Influence of Na+ and anions on the dimorphic transition of Candida albicans.  
 AUTHOR: Northrop F.D.; Ljubojevic S.; Davies J.M.  
 CORPORATE SOURCE: J.M. Davies, Department of Plant Sciences, University of Cambridge, Downing Street, Cambridge CB2 3EA, United Kingdom. JMD32@cam.ac.uk  
 SOURCE: Microbiology, (1997) 143/12 (3757-3765).  
 Refs: 30  
 ISSN: 1350-0872 CODEN: MROBEO  
 COUNTRY: United Kingdom  
 DOCUMENT TYPE: Journal; Article  
 FILE SEGMENT: 004 Microbiology  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

L2 ANSWER 268 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:699610 CAPLUS  
 DOCUMENT NUMBER: 127:344566  
 TITLE: Channel transporter and water/electrolyte metabolism  
 AUTHOR(S): Sasaki, Sei  
 CORPORATE SOURCE: Daini Naika, Tokyo Ika Shika Daigaku, Tokyo, 113, Japan  
 SOURCE: Nippon Naika Gakkai Zasshi (1997), 86(10), 1916-1920  
 CODEN: NNGAAS; ISSN: 0021-5384  
 PUBLISHER: Nippon Naika Gakkai  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: Japanese

L2 ANSWER 269 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:436389 CAPLUS  
 DOCUMENT NUMBER: 127:131378  
 TITLE: Role of purinergic receptors in chloride secretion in Caco-2 cells  
 AUTHOR(S): Inoue, Chiyoiko N.; Woo, Jae Suk; Schwiebert, Erik M.; Morita, Takashi; Hanaoka, Kazushige; Guggino, Sandra E.; Guggino, William B.  
 CORPORATE SOURCE: Dep. Physiology Pediatrics, John Hopkins University School Medicine, Baltimore, MD, 21205, USA  
 SOURCE: American Journal of Physiology (1997), 272(6, Pt. 1), C1862-C1870  
 CODEN: AJPHAP; ISSN: 0002-9513  
 PUBLISHER: American Physiological Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 270 OF 519 MEDLINE  
 ACCESSION NUMBER: 1998147553 MEDLINE  
 DOCUMENT NUMBER: 98147553 PubMed ID: 9488229  
 TITLE: Inhibition of Ca2+ uptake into A7r5 vascular smooth muscle cells by farnesol: lack of effect on membrane fluidity and Ca2+-ATPase activities.  
 AUTHOR: Rouillet J.B.; Le Quan Sang K.H.; Luft U.; Watanabe M.; Otsuka K.; McCarron D.A.; Devynck M.A.  
 CORPORATE SOURCE: Department of Nephrology, Hypertension and Clinical Pharmacology, Oregon Sciences Health University, Portland 97201, USA.

SOURCE: JOURNAL OF HYPERTENSION, (1997 Dec) 15 (12 Pt 2) 1723-8.  
 Journal code: 8306882. ISSN: 0263-6352.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199804  
 ENTRY DATE: Entered STN: 19980410  
 Last Updated on STN: 19980410  
 Entered Medline: 19980402

L2 ANSWER 271 OF 519 MEDLINE  
 ACCESSION NUMBER: 97439763 MEDLINE  
 DOCUMENT NUMBER: 97439763 PubMed ID: 9294109  
 TITLE: Myotonic dystrophy protein kinase is involved in the modulation of the Ca2+ homeostasis in skeletal muscle cells.  
 AUTHOR: Benders A A.; Groenen P J.; Oerlemans F T.; Veerkamp J H.; Wieringa B  
 CORPORATE SOURCE: Department of Biochemistry, University of Nijmegen, P.O. Box 9101, 6500 HB Nijmegen, The Netherlands.  
 SOURCE: JOURNAL OF CLINICAL INVESTIGATION, (1997 Sep 15) 100 (6) 1440-7.  
 Journal code: 7802877. ISSN: 0021-9738.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
 ENTRY MONTH: 199712  
 ENTRY DATE: Entered STN: 19980109  
 Last Updated on STN: 20020420  
 Entered Medline: 19971208

L2 ANSWER 272 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:653644 CAPLUS  
 DOCUMENT NUMBER: 127:326848  
 TITLE: Cellular and synaptic localization of the neuronal glutamate transporters excitatory amino acid transporter 3 and 4  
 AUTHOR(S): Furuta, A.; Martin, L. J.; Lin, C. - L. G.; Dykes-Hoberg, M.; Rothstein, J. D.  
 CORPORATE SOURCE: Department of Neurology, Division of Neuropathology, The Johns Hopkins University School of Medicine, Baltimore, MD, 21287, USA  
 SOURCE: Neuroscience (Oxford) (1997), 81(4), 1031-1042  
 CODEN: NRSCDN; ISSN: 0306-4522  
 PUBLISHER: Elsevier  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 273 OF 519 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1997:335770 CAPLUS  
 DOCUMENT NUMBER: 127:48113  
 TITLE: EAAT4, a glutamate transporter with properties of a chloride channel, is predominantly localized in Purkinje cell dendrites, and forms parasagittal compartments in rat cerebellum  
 AUTHOR(S): Nagao, S.; Kwak, S.; Kanazawa, I.  
 CORPORATE SOURCE: Dep. Neurology, Inst. Brain Res., Fac. Med., Univ. Tokyo, Tokyo, 113, Japan  
 SOURCE: Neuroscience (Oxford) (1997), 78(4), 929-933  
 CODEN: NRSCDN; ISSN: 0306-4522  
 PUBLISHER: Elsevier  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 274 OF 519 MEDLINE  
 ACCESSION NUMBER: 97423568 MEDLINE  
 DOCUMENT NUMBER: 97423568 PubMed ID: 9277510  
 TITLE: Entrained ion transport systems generate the membrane component of chaotic agonist-induced vasomotion.  
 AUTHOR: Edwards D H; Griffith T M  
 CORPORATE SOURCE: Department of Cardiology, University of Wales College of Medicine, Cardiff, United Kingdom.  
 SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1997 Aug) 273 (2 Pt 2) H909-20.  
 Journal code: 0370511. ISSN: 0002-9513.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199709  
 ENTRY DATE: Entered STN: 19971008  
 Last Updated on STN: 19971008  
 Entered Medline: 19970925

L2 ANSWER 275 OF 519 MEDLINE DUPLICATE 24  
 ACCESSION NUMBER: 97423429 MEDLINE  
 DOCUMENT NUMBER: 97423429 PubMed ID: 9277371  
 TITLE: Normalization of ion transport in murine cystic fibrosis nasal epithelium using gene transfer.  
 AUTHOR: MacVinish L J; Goddard C; Colledge W H; Higgins C F; Evans M J; Cuthbert A W  
 CORPORATE SOURCE: Department of Pharmacology, University of Cambridge, United Kingdom.  
 SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1997 Aug) 273 (2 Pt 1) C734-40.  
 Journal code: 0370511. ISSN: 0002-9513.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199709  
 ENTRY DATE: Entered STN: 19971008  
 Last Updated on STN: 19971008  
 Entered Medline: 19970924

L2 ANSWER 276 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
 ACCESSION NUMBER: 97610898 SCISEARCH  
 THE GENUINE ARTICLE: XQ262  
 TITLE: Normalization of ion transport in murine cystic fibrosis nasal epithelium using gene transfer  
 AUTHOR: MacVinish L J; Goddard C; Colledge W H; Higgins C F; Evans M J; Cuthbert A W (Reprint)  
 CORPORATE SOURCE: UNIV CAMBRIDGE, DEPT PHARMACOL, TENNIS COURT RD, CAMBRIDGE  
 CB2 1QJ, ENGLAND (Reprint); UNIV CAMBRIDGE, DEPT PHARMACOL, CAMBRIDGE CB2 1QJ, ENGLAND; WELLCOME CANC RES  
 CAMPAIGN INST CANC & DEV BIOL, CAMBRIDGE CB2 1QR, ENGLAND;  
 UNIV OXFORD, JOHN RADCLIFFE HOSP, INST MOL MED, NUFFIELD DEPT CLIN BIOCHEM, OXFORD OX3 9DU, ENGLAND  
 COUNTRY OF AUTHOR: ENGLAND

SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY,  
(AUG 1997)

Vol. 42, No. 2, pp. C734-C740.  
Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE,  
BETHESDA, MD 20814.  
ISSN: 0363-6143.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 19

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

## L2 ANSWER 277 OF 519 MEDLINE

ACCESSION NUMBER: 1998022032 MEDLINE  
DOCUMENT NUMBER: 98022032 PubMed ID: 9379126  
TITLE: Intracellular calcium concentration and hormone secretion  
are controlled differently by TRH in rat neonatal  
lactotrophs and somatotrophs.

AUTHOR: Lorisnol A; Taupignon A; Horvath G; Dufy B  
CORPORATE SOURCE: Laboratoire de Neurophysiologie, CNRS UMR 5543,  
Universite

de Bordeaux II, France.  
SOURCE: JOURNAL OF ENDOCRINOLOGY, (1997 Sep) 154 (3) 483-94.  
Journal code: 0375363. ISSN: 0022-0795.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English

FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199711  
ENTRY DATE: Entered STN: 19971224  
Last Updated on STN: 19971224  
Entered Medline: 19971110

## L2 ANSWER 278 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:800210 CAPLUS  
DOCUMENT NUMBER: 128:59543

TITLE: ATP regulation of a swelling-activated osmolyte  
\*\*\*channel\*\*\* in skate hepatocytes

AUTHOR(S): Ballatori, Nazzareno; Boyer, James L.  
CORPORATE SOURCE: Department of Environmental Medicine, University of  
Rochester School of Medicine, Rochester, NY, 14642,  
USA

SOURCE: Journal of Experimental Zoology (1997), 279(5),  
471-475  
CODEN: JEZOAO; ISSN: 0022-104X

PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

## L2 ANSWER 279 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 97228346 EMBASE  
DOCUMENT NUMBER: 1997228346

TITLE: Mechanisms and regulation of H<sup>+</sup> transport in distal tubule  
epithelial cells.

AUTHOR: Malnic G.; Fernandez R.; Cassola A.C.; Barreto-Chaves M.L.;  
De Souza M.O.; De Mello Aires M.  
CORPORATE SOURCE: Dr. G. Malnic, Inst. Ciencias Biomedicas USP, Av. Prof.  
Lineu Prestes, 1524, 05508-900 Sao Paulo, Brazil

SOURCE: Wiener Klinische Wochenschrift, (1997) 109/12-13 (429-434).  
Refs: 54  
ISSN: 0043-5325 CODEN: WKWOAO

COUNTRY: Austria

DOCUMENT TYPE: Journal; Conference Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry

LANGUAGE: English  
SUMMARY LANGUAGE: English

## L2 ANSWER 280 OF 519 MEDLINE

ACCESSION NUMBER: 97167688 MEDLINE  
DOCUMENT NUMBER: 97167688 PubMed ID: 9015306

TITLE: Dynamic properties of an inositol 1,4,5-trisphosphate- and  
thapsigargin-insensitive calcium pool in mammalian cell  
lines.

AUTHOR: Pizzo P; Fasolato C; Pozzan T  
CORPORATE SOURCE: Department of Biomedical Sciences, University of Padova,  
Italy.

SOURCE: JOURNAL OF CELL BIOLOGY, (1997 Jan 27) 136 (2) 355-66.  
Journal code: 0375356. ISSN: 0021-9525.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199702  
ENTRY DATE: Entered STN: 19970306  
Last Updated on STN: 19970306  
Entered Medline: 19970227

## L2 ANSWER 281 OF 519 MEDLINE

ACCESSION NUMBER: 97339735 MEDLINE  
DOCUMENT NUMBER: 97339735 PubMed ID: 9196326

TITLE: Genetic dissection of the function of mammalian  
P-glycoproteins.

AUTHOR: Borst P; Schinkel A H  
CORPORATE SOURCE: The Netherlands Cancer Institute, Department of Molecular  
Biology, Amsterdam, The Netherlands.

SOURCE: TRENDS IN GENETICS, (1997 Jun) 13 (6) 217-22. Ref: 46  
Journal code: 8507085. ISSN: 0168-9525.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199707  
ENTRY DATE: Entered STN: 19970805  
Last Updated on STN: 19980206  
Entered Medline: 19970721

## L2 ANSWER 282 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:646327 CAPLUS  
DOCUMENT NUMBER: 127:327820

TITLE: Patch clamp investigation into the phosphate carrier  
from *Saccharomyces cerevisiae* mitochondria.

AUTHOR(S): Herick, Klaus; Knaemer, Reinhard; Luehring, Hinrich  
CORPORATE SOURCE: Institut fuer Biotechnologie I, Institut fuer  
Biologische Informationsverarbeitung I,  
Forschungszentrum Juelich GmbH, D-52425, Juelich,  
Germany

SOURCE: Biochimica et Biophysica Acta (1997), 1321(3), 207-220  
CODEN: BBACAQ; ISSN: 0006-3002

PUBLISHER: Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English

## L2 ANSWER 283 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 97169390 EMBASE  
DOCUMENT NUMBER: 1997169390

TITLE: Role of Cl<sup>-</sup> in electrogenic H<sup>+</sup> secretion by cortical distal  
tubule.

AUTHOR: Fernandez R.; Bosqueiro J.R.; Cassola A.C.; Malnic G.  
CORPORATE SOURCE: G. Malnic, Dept. de Fisiologia/Biofisica, Instituto de  
Ciencias Biomedicas, University Sao Paulo, Av. Prof. Lineu  
Prestes 1524, 05508-900 Sao Paulo, Brazil

SOURCE: Journal of Membrane Biology, (1997) 157(2) (193-201).  
Refs: 34  
ISSN: 0022-2631 CODEN: JMBBBO

COUNTRY: United States  
DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 002 Physiology  
028 Urology and Nephrology

LANGUAGE: English  
SUMMARY LANGUAGE: English

## L2 ANSWER 284 OF 519 MEDLINE

ACCESSION NUMBER: 97175939 MEDLINE  
DOCUMENT NUMBER: 97175939 PubMed ID: 9023513

TITLE: Acetylcholine-evoked potassium transport in the isolated  
guinea-pig pancreas.

AUTHOR: Rosado J A; Singh J; Salido G M; Garcia L J  
CORPORATE SOURCE: Department of Physiology, Faculty of Veterinary Sciences,  
University of Extremadura, Caceres, Spain.

SOURCE: EXPERIMENTAL PHYSIOLOGY, (1997 Jan) 82 (1) 149-59.  
Journal code: 9002940. ISSN: 0958-0670.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199705  
ENTRY DATE: Entered STN: 19970609

Last Updated on STN: 19970609  
Entered Medline: 19970528

## L2 ANSWER 285 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:200095 CAPLUS  
DOCUMENT NUMBER: 126:246843

TITLE: Mechanisms of biogenic amine neurotransmitter  
transporters

AUTHOR(S): Rudnick, Gary  
CORPORATE SOURCE: Department of Pharmacology, Yale University School of  
Medicine, New Haven, CT, USA

SOURCE: Neurotransmitter Transporters (1997), 73-100.  
Editor(s): Reith, Maarten E. A. Humana: Totowa, N. J.  
CODEN: 64DBAK

DOCUMENT TYPE: Conference; General Review  
LANGUAGE: English

## L2 ANSWER 286 OF 519 MEDLINE

ACCESSION NUMBER: 1998073936 MEDLINE  
DOCUMENT NUMBER: 98073936 PubMed ID: 9409471

TITLE: Modulation of Ca<sup>2+</sup>-activated Cl<sup>-</sup> currents in rabbit  
portal vein smooth muscle by an inhibitor of mitochondrial  
Ca<sup>2+</sup> uptake.

AUTHOR: Greenwood I A; Helliwell R M; Large W A  
CORPORATE SOURCE: Department of Pharmacology and Clinical Pharmacology, St  
George's Hospital Medical School, London, UK..  
I.A.Greenwood:i.greenwood@sgms.ac.uk

SOURCE: JOURNAL OF PHYSIOLOGY, (1997 Nov 15) 505 ( Pt 1) 53-64.  
Journal code: 0266262. ISSN: 0022-3751.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199802  
ENTRY DATE: Entered STN: 19980217

Last Updated on STN: 19980217  
Entered Medline: 19980203

## L2 ANSWER 287 OF 519 MEDLINE

ACCESSION NUMBER: 97212676 MEDLINE  
DOCUMENT NUMBER: 97212676 PubMed ID: 9059494

TITLE: Chlorpromazine activates \*\*\*chloride\*\*\* currents in  
Xenopus oocytes.

AUTHOR: Quamme G A  
CORPORATE SOURCE: Department of Medicine, University of British Columbia,  
Vancouver Hospital, BC, Canada.

SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (1997 Feb 21) 1324 (1)  
18-26.  
Journal code: 0217513. ISSN: 0006-3002.

PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199704  
ENTRY DATE: Entered STN: 19970414

Last Updated on STN: 19970414  
Entered Medline: 19970403

## L2 ANSWER 288 OF 519 JAIPO COPYRIGHT 2003 JPO

ACCESSION NUMBER: 1996-120284 JAIPO  
TITLE: EXTRUDER STRUCTURE IN WASTE PLASTIC RECYCLING  
EQUIPMENT

INVENTOR: MIKATA NOBUYUKI; TAKEUCHI TAKAHARU; FUNAHASHI  
EJI;

NISHIYAMA HIDEO  
PATENT ASSIGNEE(S): NIPPON STEEL CORP

PATENT INFORMATION:

PATENT NO	KIND	DATE	ERA	MAIN IPC
JP 08120284	A	19960514	Heisei	C10G001-10

## APPLICATION INFORMATION

STN FORMAT: JP 1994-263847 19941027  
ORIGINAL: JP06263847 Heisei

PRIORITY APPLN. INFO.: JP 1994-263847 19941027  
SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined  
Applications, Vol. 1996

## L2 ANSWER 289 OF 519 JAIPO COPYRIGHT 2003 JPO

ACCESSION NUMBER: 1996-120283 JAIPO  
TITLE: EXTRUDER STRUCTURE IN WASTE PLASTIC RECYCLING  
EQUIPMENT

INVENTOR: NISHIYAMA HIDEO; ONO HITOSHI; MATSUDA KENJI  
PATENT ASSIGNEE(S): NIPPON STEEL CORP

PATENT INFORMATION:

PATENT NO	KIND	DATE	ERA	MAIN IPC
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JP 08120283	A	19960514	Heisei	C10G001-10
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## APPLICATION INFORMATION

STN FORMAT: JP 1994-263844 19941027  
ORIGINAL: JP06263844 Heisei

PRIORITY APPLN. INFO.: JP 1994-263844 19941027  
SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined  
Applications, Vol. 1996

## L2 ANSWER 290 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:161226 CAPLUS  
DOCUMENT NUMBER: 124:184612

TITLE: Anaerobic removal of sulfur compounds from wastewater

INVENTOR(S): Langerwerf, Josephus Sychbertus  
PATENT ASSIGNEE(S): Nederlandse Organisatie voor Toegepast Natuur-Wete,  
Neth.

SOURCE: PCT Int. Appl., 13 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9600191	A1	19960104	WO 1995-NL184	19950601
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W: AM, AT, AU, BB, BG, BR, BY, CA, BG, CN, CZ, DE, DK, EE, ES, FI,  
GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG,  
MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA,  
US, UZ

RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,  
LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,  
SN, TD, TG

NL 9401036	A	19960201	NL 1994-1036	19940623
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AU 9525388	A1	19960119	AU 1995-25388	19950601
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AU 682967	B2	19971023		
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EP 766650	A1	19970409	EP 1995-919672	19950601
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EP 766650	B1	19980506		
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE  
CN 1150792 A 19970528 CN 1995-193605 19950601

CN 1087715 B 20020717  
BR 9508075 A 19971111 BR 1995-8075 19950601

AT 165796 E 19980515 AT 1995-919672 19950601  
JP 10505534 T2 19980602 JP 1996-503028 19950601

JP 3283266 B2 20020520  
ES 2118603 T3 19980916 ES 1995-919672 19950601

HU 77892 A2 19980928 HU 1996-3271 19950601  
RU 2144510 C1 20000120 RU 1997-101088 19950601

SK 280506 B6 20000313 SK 1996-1656 19950601  
CZ 291141 B6 20021211 CZ 1996-3509 19950601

NO 9605440 A 19961218 NO 1996-5440 19961218  
US 5958238 A 19990928 US 1997-765142 19970123

PRIORITY APPLN. INFO.: NL 1994-1036 A 19940623  
WO 1995-NL184 W 19950601

## L2 ANSWER 291 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:681621 CAPLUS  
DOCUMENT NUMBER: 125:320750

TITLE: ASCT-1 is a neutral amino acid exchanger with  
\*\*\*chloride\*\*\* activity

AUTHOR(S): Zerangue, Noa; Kavanaugh, Michael P.  
CORPORATE SOURCE: Vollum Inst., Oregon Health Sci. Univ., Portland, OR,  
97201, USA

SOURCE: Journal of Biological Chemistry (1996), 271(45),  
27991-27994

CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular

Biological  
DOCUMENT TYPE: Journal  
LANGUAGE: English

## L2 ANSWER 292 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1997:7536 CAPLUS  
DOCUMENT NUMBER: 126:116492

TITLE: Cell surface expression of the epithelial Na  
\*\*\*channel\*\*\* and a mutant causing Liddle syndrome:  
a quantitative approach

AUTHOR(S): Firsov, Dmitri; Schild, Laurent; Gautschi, Ivan;  
Merillat, Anne-Marie; Schneeberger, Estelle; Rossier,  
Bernard C.

CORPORATE SOURCE: Inst. Pharmacol. Toxicol., Univ. Lausanne, Lausanne,  
CH-1005, Switz.

SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1996), 93(26), 15370-15375  
CODEN: PNASA6; ISSN: 0027-8424

PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English

## L2 ANSWER 293 OF 519 MEDLINE

ACCESSION NUMBER: 96278861 MEDLINE  
DOCUMENT NUMBER: 96278861 PubMed ID: 8662902

TITLE: Inositol 3,4,5,6-tetrakisphosphate inhibits the  
calmodulin-dependent protein kinase II-activated  
\*\*\*chloride\*\*\* conductance in T84 colonic epithelial  
cells.

AUTHOR: Xie W; Kaetzel M A; Bruzik K S; Dedman J R; Shears S B;  
Nelson D J

CORPORATE SOURCE: Department of Neurology, University of Chicago, Chicago,  
Illinois 60637, USA.

CONTRACT NUMBER: RO1 41470 (NIDDK)  
RO1 DK46433 (NIGMS)  
RO1 GM36823

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 14) 271 (24)  
14092-7.

Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English

FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199608

ENTRY DATE: Entered STN: 19960828  
Last Updated on STN: 19980206  
Entered Medline: 19960820

## L2 ANSWER 294 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1996:359793 CAPLUS  
DOCUMENT NUMBER: 125:28390

TITLE: The Mitochondrial Oxoglutarate Carrier: Sulfhydryl  
Reagents Bind to Cysteine-184, and This Interaction is  
Enhanced by Substrate Binding

AUTHOR(S): Capobianco, Loredana; Bisaccia, Faustino; Mazzeo,  
Marianna; Palmieri, Ferdinando

CORPORATE SOURCE: Department of Pharmaco-Biology, University of Bari, Bari, Italy

SOURCE: Biochemistry (1996), 35(27), 8974-8980  
CODEN: BICHAW; ISSN: 0006-2960

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

L2 ANSWER 295 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:137518 CAPLUS  
DOCUMENT NUMBER: 124:196580  
TITLE: GLUT1 transmembrane glucose pathway. Affinity labeling with a transportable D-glucose diazine  
AUTHOR(S): Lachaal, Mohsen; Rampal, Amrit L.; Lee, Wan; Shi, Yan-wei; Jung, Chan Y.  
CORPORATE SOURCE: Biophysics Lab., State Univ. New York Sch. Med., Buffalo, NY, 14215, USA  
SOURCE: Journal of Biological Chemistry (1996), 271(9), 5225-30  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 296 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:286906 CAPLUS  
DOCUMENT NUMBER: 124:333682  
TITLE: Retinal glial cell glutamate transporter is coupled to an anionic conductance  
AUTHOR(S): Eliasof, Scott; Jahr, Craig E.  
CORPORATE SOURCE: Vollum Inst., Oregon Health Sci. Univ., Portland, OR, 97201, USA  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1996), 93(9), 4153-4158  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 297 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 96052979 EMBASE  
DOCUMENT NUMBER: 1996052979  
TITLE: Identification of a 14-kDa subunit associated with the catalytic sector of clathrin-coated vesicle H<sup>+</sup>-ATPase.  
AUTHOR: Peng S.-B.; Crider B.P.; Sue Jean Tsai; Xie X.-S.; Stone D.K.  
CORPORATE SOURCE: Div. of Molecular Transport, Dept. of Internal Medicine, Texas University SW Medical Center, 5323 Harry Hines Blvd., Dallas, TX 75235-9121, United States  
SOURCE: Journal of Biological Chemistry, (1996) 271/6 (3324-3327).  
ISSN: 0021-9258 CODEN: JBCHA3  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 004 Microbiology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 298 OF 519 MEDLINE  
ACCESSION NUMBER: 96440128 MEDLINE  
DOCUMENT NUMBER: 96440128 PubMed ID: 8842439  
TITLE: Induction of calcium release from sarcoplasmic reticulum of skeletal muscle by xanthone and norathylol.  
AUTHOR: Kang J J; Cheng Y W; Ko F N; Kuo M L; Lin C N; Teng C M  
CORPORATE SOURCE: Institute of Toxicology, College of Medicine, National Taiwan University, Taipei, R.O.C.  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (1996 Aug) 118 (7) 1736-42.  
Journal code: 7502536. ISSN: 0007-1188.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199701  
ENTRY DATE: Entered STN: 19970219  
Last Updated on STN: 19970219  
Entered Medline: 19970129

L2 ANSWER 299 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 96372945 EMBASE  
DOCUMENT NUMBER: 1996372945  
TITLE: Unravelling of the molecular mechanisms of kidney stones.  
AUTHOR: Wrong O.; Unwin R.; Cohen E.; Tanner M.; Thakker R.; Fine L.G.  
CORPORATE SOURCE: Centre for Nephrology, Univ. College London Medical School, Middlesex Hospital, London W1N 8AA, United Kingdom  
SOURCE: Lancet, (1996) 348/9041 (1561-1565).  
ISSN: 0140-6736 CODEN: LANCAO  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
006 Internal Medicine  
028 Urology and Nephrology  
037 Drug Literature Index  
LANGUAGE: English

L2 ANSWER 300 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1997:6369 CAPLUS  
DOCUMENT NUMBER: 126:87619  
TITLE: The basolateral organic cation transport system of rabbit kidney proximal tubules. Influence of inorganic anions  
AUTHOR(S): Hohage, H.; Querl, I. U.; Moerth, D. M.; Greven, J.  
CORPORATE SOURCE: Medical Dep. D., Univ. of Muenster, Muenster, Germany  
SOURCE: Journal of Pharmacology and Experimental Therapeutics (1996), 279(3), 1086-1091  
CODEN: JPETAB; ISSN: 0022-3565  
PUBLISHER: Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 301 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 96171132 EMBASE  
DOCUMENT NUMBER: 1996171132  
TITLE: Underlying defects in distal renal tubular acidosis: New understandings  
AUTHOR: Batlle D.; Flores G.  
CORPORATE SOURCE: Division of Nephrology/Hypertension, Department of Medicine, Northwestern University Medical Sch., 303 East Chicago Ave, Chicago, IL 60611, United States  
SOURCE: American Journal of Kidney Diseases, (1996) 27/6 (896-915).  
ISSN: 0272-6386 CODEN: AJKDDP  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 002 Physiology  
028 Urology and Nephrology  
029 Clinical Biochemistry  
030 Pharmacology  
037 Drug Literature Index  
LANGUAGE: English

L2 ANSWER 302 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:668084 CAPLUS  
DOCUMENT NUMBER: 125:323642  
TITLE: Effects of membrane transport inhibitors on skeletal muscle vacuolation due to glycerol removal  
AUTHOR(S): Krolenok, S. A.; Adamyan, S. Ya.  
CORPORATE SOURCE: Inst. Cytol., St. Petersburg, Russia  
SOURCE: Tsitologiya (1996), 38(7), 751-757  
CODEN: TSITAQ; ISSN: 0041-3771  
PUBLISHER: Nauka  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 303 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 96304206 EMBASE  
DOCUMENT NUMBER: 1996304206  
TITLE: Properties of H<sup>+</sup>-ATPase from rat liver lysosomes as revealed by reconstitution into proteoliposomes.  
AUTHOR: Okamoto M.; Hiratani N.; Arai K.; Ohkuma S.  
CORPORATE SOURCE: Department of Biochemistry, Faculty of Pharmaceutical Sciences, Kanazawa University, Kanazawa, Ishikawa 920, Japan  
SOURCE: Journal of Biochemistry, (1996) 120/3 (608-615).  
ISSN: 0021-924X CODEN: JOBIAO  
COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 304 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:559028 CAPLUS  
DOCUMENT NUMBER: 125:243697  
TITLE: The membrane transporters regulating epithelial NaCl secretion  
AUTHOR(S): Greger, R.  
CORPORATE SOURCE: Physiologisches Institut, Albert-Ludwigs-Universitaet, Freiburg, D-79104, Germany  
SOURCE: Pfluegers Archiv (1996), 432(4), 579-588  
CODEN: PFLABK; ISSN: 0031-6768  
PUBLISHER: Springer  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 305 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1996:330074 BIOSIS  
DOCUMENT NUMBER: PREV19969052430  
TITLE: Review article: New insights into the mechanisms of hepatic transport and bile secretion.  
AUTHOR(S): Erlinger, Serge  
CORPORATE SOURCE: Unite de Recherches de Physiopathol. Hepatique, INSERM U-24  
and Serv. d'Hepatol., Hop. Beaujon, 92118 Clichy Cedex France  
SOURCE: Journal of Gastroenterology and Hepatology, (1996) Vol. 11, No. 6, pp. 575-579.  
ISSN: 0815-9319  
DOCUMENT TYPE: Article  
LANGUAGE: English

L2 ANSWER 306 OF 519 MEDLINE  
ACCESSION NUMBER: 96418765 MEDLINE  
DOCUMENT NUMBER: 96418765 PubMed ID: 8821550  
TITLE: Two distinct membrane currents activated by cyclopiazonic acid-induced calcium store depletion in single smooth muscle cells of the mouse anococcygeus.  
AUTHOR: Wayman C P; McFadzean I; Gibson A; Tucker J F  
CORPORATE SOURCE: Division of Biomedical Sciences, King's College London.  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (1996 Feb) 117 (3) 566-572.  
Journal code: 7502536. ISSN: 0007-1188.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199701  
ENTRY DATE: Entered STN: 19970219  
Last Updated on STN: 19970219  
Entered Medline: 19970117

L2 ANSWER 307 OF 519 MEDLINE DUPLICATE 26  
ACCESSION NUMBER: 96140228 MEDLINE  
DOCUMENT NUMBER: 96140228 PubMed ID: 8555225  
TITLE: Selected cysteine point mutations confer mercurial sensitivity to the mercurial-insensitive water \*\*\*channel\*\*\* M1WC/AQP-4.  
AUTHOR: Shi L B; Verkman A S  
CORPORATE SOURCE: Department of Medicine, University of California, San Francisco 94143-0521, USA.  
CONTRACT NUMBER: DK35125 (NIDDK)  
HL42368 (NHLBI)  
HL51854 (NHLBI)  
SOURCE: BIOCHEMISTRY, (1996 Jan 16) 35 (2) 538-44.  
Journal code: 0370623. ISSN: 0006-2960.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199602  
ENTRY DATE: Entered STN: 19960312  
Last Updated on STN: 20000303  
Entered Medline: 19960223

L2 ANSWER 308 OF 519 MEDLINE  
ACCESSION NUMBER: 96198300 MEDLINE  
DOCUMENT NUMBER: 96198300 PubMed ID: 8928808  
TITLE: Salt and water transport across alveolar and distal airway epithelia in the adult lung.  
AUTHOR: Matthay M A; Folkesson H G; Verkman A S  
CORPORATE SOURCE: Cardiovascular Research Institute, University of California, San Francisco 94143-0130, USA.  
CONTRACT NUMBER: DK-35124 (NIDDK)  
HL-42368 (NHLBI)  
HL-51854 (NHLBI)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1996 Apr) 270 (4 Pt 1) L487-503. Ref: 145  
Journal code: 0370511. ISSN: 0002-9513.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199611  
ENTRY DATE: Entered STN: 19961219  
Last Updated on STN: 19961219  
Entered Medline: 19961120

L2 ANSWER 309 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:518989 CAPLUS  
DOCUMENT NUMBER: 125:191975  
TITLE: Characteristics of a rat cortical collecting duct cell line that maintains high transepithelial resistance  
AUTHOR(S): Blot-Chabaud, Marcel; Laplace, Monique; Cluzeaud, Francoise; Capurro, Claudia; Cassingena, Roland; Vandewalle, Alain; Farman, Nicolette; Bonvalet, Jean Pierre  
CORPORATE SOURCE: Institut Federatif de Recherches "Cellules Epitheliales", Faculte de Medecine Xavier Bichat, Paris, Fr.  
SOURCE: Kidney International (1996), 50(2), 367-376  
CODEN: KDYIAS; ISSN: 0085-2538  
PUBLISHER: Blackwell  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 310 OF 519 MEDLINE  
ACCESSION NUMBER: 97058559 MEDLINE  
DOCUMENT NUMBER: 97058559 PubMed ID: 8902878  
TITLE: Immature epithelial Na<sup>+</sup> \*\*\*channel\*\*\* expression is one of the pathogenetic mechanisms leading to human neonatal respiratory distress syndrome.  
AUTHOR: O'Brodovich H M  
CORPORATE SOURCE: MRC Group in Lung Development, Hospital for Sick Children, Toronto, Ontario, Canada.  
SOURCE: PROCEEDINGS OF THE ASSOCIATION OF AMERICAN PHYSICIANS, (1996 Sep) 108 (5) 345-55. Ref: 86  
Journal code: 9514310. ISSN: 1081-650X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199702  
ENTRY DATE: Entered STN: 19970306  
Last Updated on STN: 19990129  
Entered Medline: 19970224

L2 ANSWER 311 OF 519 MEDLINE DUPLICATE 27  
ACCESSION NUMBER: 96347475 MEDLINE  
DOCUMENT NUMBER: 96347475 PubMed ID: 8741388  
TITLE: \*\*\*Chloride\*\*\* transport across kidney epithelia through CLC \*\*\*chloride\*\*\* \*\*\*channels\*\*\*.  
AUTHOR: Uchida S; Sasaki S; Marumo F  
CORPORATE SOURCE: Second Department of Internal Medicine, Tokyo Medical and Dental University, Japan.  
SOURCE: NIPPON JINZO GAKKAI SHI. JAPANESE JOURNAL OF NEPHROLOGY, (1996 Jul) 38 (7) 285-9. Ref: 17  
Journal code: 7505731. ISSN: 0385-2385.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199609  
ENTRY DATE: Entered STN: 19961008  
Last Updated on STN: 19961008  
Entered Medline: 19960925

L2 ANSWER 312 OF 519 MEDLINE  
ACCESSION NUMBER: 1998051754 MEDLINE  
DOCUMENT NUMBER: 98051754 PubMed ID: 9395572  
TITLE: Cellular calcium and sodium regulation, salt-sensitivity and essential hypertension in African Americans.  
AUTHOR: Aviv A  
CORPORATE SOURCE: Hypertension Research Program, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Newark 07103-2714, USA.  
CONTRACT NUMBER: HL34807 (NHLBI)  
HL42856 (NHLBI)  
SOURCE: ETHNICITY AND HEALTH, (1996 Sep) 1 (3) 275-81. Ref: 32  
Journal code: 9608374. ISSN: 1355-7858.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199712  
ENTRY DATE: Entered STN: 19980122  
Last Updated on STN: 19980122  
Entered Medline: 19971231

L2 ANSWER 313 OF 519 MEDLINE  
ACCESSION NUMBER: 96239816 MEDLINE  
DOCUMENT NUMBER: 96239816 PubMed ID: 8639702  
TITLE: Rate of Na<sup>+</sup>/Ca<sup>2+</sup> exchange across the plasma membrane of synaptosomes measured using the fluorescence of chlorotetracycline. Implications to calcium homeostasis in synaptic terminals.  
AUTHOR: Garcia-Martin E; Gutierrez-Merino C  
CORPORATE SOURCE: Departamento de Bioquimica y Biologia Molecular, Facultad de Ciencias, Universidad de Extremadura, Badajoz, Spain.  
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (1996 Apr 26) 1280 (2) 257-64.  
Journal code: 0217513. ISSN: 0006-3002.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199607  
ENTRY DATE: Entered STN: 19960726  
Last Updated on STN: 19960726  
Entered Medline: 19960717

L2 ANSWER 314 OF 519 MEDLINE  
ACCESSION NUMBER: 96408548 MEDLINE



DOCUMENT NUMBER: 96408548 PubMed ID: 8813555  
TITLE: Neomycin inhibits histamine and thapsigargin mediated Ca<sup>2+</sup> entry in DDT1 MF-2 cells independent of phospholipase C activation.  
AUTHOR: Sigma H; Van der Zee L; Den Hertog A; Nelemans A  
CORPORATE SOURCE: Groningen Institute for Drug Studies (GIDS), Department of Clinical Pharmacology, University of Groningen, Netherlands.  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1996 Jun 3) 305 (1-3)

207-12.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199702  
ENTRY DATE: Entered STN: 19970305  
Last Updated on STN: 19970305  
Entered Medline: 19970220

L2 ANSWER 315 OF 519 MEDLINE DUPLICATE 28  
ACCESSION NUMBER: 96132777 MEDLINE  
DOCUMENT NUMBER: 96132777 PubMed ID: 8541445  
TITLE: Molecular structure and mechanisms of action of cyclic and linear ion transport antibiotics.  
AUTHOR: Duax W L; Griffin J F; Langs D A; Smith G D; Grochulski P; Pletnev V; Ivanov V  
CORPORATE SOURCE: Hauptman-Woodward Medical Research Institute, Buffalo, New York, USA.  
CONTRACT NUMBER: GM32812 (NIGMS)  
TW00374 (FIC)  
SOURCE: BIOPOLYMERS, (1996) 40 (1) 141-55. Ref: 44  
Journal code: 0372525. ISSN: 0006-3525.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
(General Review; (REVIEW) (REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199602  
ENTRY DATE: Entered STN: 19960227  
Last Updated on STN: 19960227  
Entered Medline: 19960212

L2 ANSWER 316 OF 519 MEDLINE  
ACCESSION NUMBER: 96316009 MEDLINE  
DOCUMENT NUMBER: 96316009 PubMed ID: 8733885  
TITLE: The role of calcium in the artificially induced decidual cell reaction in pseudopregnant mice.  
AUTHOR: Sakoff J A; Murdoch R N  
CORPORATE SOURCE: Department of Biological Sciences, University of Newcastle, Callaghan N.S.W. Australia.  
SOURCE: BIOCHEMICAL AND MOLECULAR MEDICINE, (1996 Apr 57) 2 (81-90.  
Journal code: 9508702. ISSN: 1077-3150.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199702  
ENTRY DATE: Entered STN: 19970227  
Last Updated on STN: 19970227  
Entered Medline: 19970211

L2 ANSWER 317 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
DUPLICATE 29  
ACCESSION NUMBER: 1997:17462 BIOSIS  
DOCUMENT NUMBER: PREV19979316665  
TITLE: A mathematical model of the pancreatic ductal epithelium.  
AUTHOR(S): Sohma, Y.; Gray, M. A.; Imai, Y.; Argent, B. E. (1)  
CORPORATE SOURCE: (1) Dep. Physiol. Sci., Univ. Med. Sch., Framlington Place, Newcastle upon Tyne NE2 4HH UK  
SOURCE: Journal of Membrane Biology, (1996) Vol. 154, No. 1, pp. 53-67.  
ISSN: 0022-2631.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L2 ANSWER 318 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:243400 CAPLUS  
DOCUMENT NUMBER: 124:309109  
TITLE: Heavy-metal-responsive genes in maize: identification and comparison of their expression upon various forms of abiotic stress  
AUTHOR(S): Didierjean, Luc; Frendo, Pierre; Nasser, William; Genot, Genevieve; Marivet, Jocelyne; Burkard, Gerard  
CORPORATE SOURCE: Inst. Biol. Mol. Plantes, Strasbourg, F-67084, Fr.  
SOURCE: Planta (1996), 199(1), 1-8  
CODEN: PLANAB; ISSN: 0032-0935  
PUBLISHER: Springer  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 319 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1995:374857 BIOSIS  
DOCUMENT NUMBER: PREV199598389157  
TITLE: \*\*\*Chloride\*\*\* - \*\*\*channel\*\*\* gene probes from cyclodiene-resistant and -susceptible strains of *Blattella germanica*.  
AUTHOR(S): Kaku, Koichiro (1); Matsumura, Fumio  
CORPORATE SOURCE: (1) K-I Chemical Res. Inst. Company Ltd., Shizuoka Japan  
SOURCE: Clark, J. M. (Editor). ACS Symposium Series, (1995) Vol. 591, pp. 216-229. ACS Symposium Series; Molecular action of insecticides on ion channels.  
Publisher: American Chemical Society Marketing Division, Room 205, 1155 16th St. N.W., Washington, DC 20036, USA.  
Meeting Info.: 207th National Meeting of the American Chemical Society San Diego, California, USA March 13-17, 1994  
ISSN: 0097-6156. ISBN: 0-8243-3165-6.  
DOCUMENT TYPE: Book; Conference  
LANGUAGE: English

L2 ANSWER 320 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:825236 CAPLUS  
DOCUMENT NUMBER: 123:224369  
TITLE: Vesicular L-glutamate transporter in microvesicles from bovine pineal glands. Driving force, mechanism of \*\*\*chloride\*\*\* anion activation, and substrate specificity  
AUTHOR(S): Moriyama, Yoshinori; Yamamoto, Akitsugu

CORPORATE SOURCE: Marine Biol. Lab., Hiroshima Univ., Hiroshima, 722, Japan  
SOURCE: Journal of Biological Chemistry (1995), 270(38), 22314-20  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular Biology  
logy  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 321 OF 519 MEDLINE  
ACCESSION NUMBER: 95355444 MEDLINE  
DOCUMENT NUMBER: 95355444 PubMed ID: 7629146  
TITLE: Luminal Ca<sup>2+</sup> dissociation from the phosphorylated Ca(2+)-ATPase of the sarcoplasmic reticulum is sequential.  
AUTHOR: Forge V; Mintz E; Canet D; Guillain F  
CORPORATE SOURCE: Departement de Biologie Cellulaire et Molculaire, Centre d'Etudes de Saclay, Gif-sur-Yvette, France.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Aug 4) 270 (31) 18271-6.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199509  
ENTRY DATE: Entered STN: 19950921  
Last Updated on STN: 19970203  
Entered Medline: 19950907

L2 ANSWER 322 OF 519 MEDLINE  
ACCESSION NUMBER: 96154890 MEDLINE  
DOCUMENT NUMBER: 96154890 PubMed ID: 8596202  
TITLE: Aldosterone modulates both the Na/H antiporter and C/HC03 exchanger in cultured neonatal rat cardiac cells.  
AUTHOR: Korichneva I; Puceat M; Millanvoce-Van Brussel E; Geraud G; Vassort G  
CORPORATE SOURCE: Laboratoire de Physiopathologie Cardiovasculaire, INSERM U-390, C.H.U. Arnaud de Villeneuve, Montpellier, France.  
SOURCE: JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY, (1995 Nov) 27 (11) 2521-8.  
Journal code: 0262322. ISSN: 0022-2828.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199604  
ENTRY DATE: Entered STN: 19960424  
Last Updated on STN: 19960424  
Entered Medline: 19960417

L2 ANSWER 323 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:944193 CAPLUS  
DOCUMENT NUMBER: 123:330545  
TITLE: Sodium-dependent norepinephrine-induced currents in norepinephrine-transporter-transfected HEK-293 cells blocked by cocaine and antidepressants  
AUTHOR(S): Galli, Aurelio; DeFelice, Louis J.; Duke, Billie-Jeanne; Moore, Kimberly R.; Blakely, Randy D.  
CORPORATE SOURCE: School of Medicine, Emory University, Atlanta, GA, 30322, USA  
SOURCE: Journal of Experimental Biology (1995), 198(10), 2197-212  
CODEN: JEBIAM; ISSN: 0022-0949  
PUBLISHER: Company of Biologists  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 324 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:38479 CAPLUS  
DOCUMENT NUMBER: 124:113148  
TITLE: Urine concentration system, water, and \*\*\*chloride\*\*\* \*\*\*channel\*\*\*  
AUTHOR(S): Marumo, Fumiaki  
CORPORATE SOURCE: Fac. Med., Tokyo Med. Dent. Univ., Tokyo, 113, Japan  
SOURCE: Nippon Naika Gakkai Zasshi (1995), 84(12), 2080-4  
CODEN: NNGAAS; ISSN: 0021-5384  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: Japanese

L2 ANSWER 325 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 95:627044 SCISEARCH  
THE GENUINE ARTICLE: RU401  
TITLE: OSMOTIC AND THERMAL EFFECTS ON IN-SITU ATPASE ACTIVITY IN PERMEABILIZED GILL EPITHELIAL-CELLS OF THE FISH GILICHTHY'S MIRABILIS  
AUTHOR: KULTZ D (Reprint); SOMERO G N  
CORPORATE SOURCE: OREGON STATE UNIV, DEPT ZOOL., CORDLEY HALL 3029, CORVALLIS, OR, 97331 (Reprint)  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF EXPERIMENTAL BIOLOGY, (SEP 1995) Vol. 198, No. 9, pp. 1883-1894.  
ISSN: 0022-0949.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; AGRI  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 47  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 326 OF 519 MEDLINE  
ACCESSION NUMBER: 96013640 MEDLINE  
DOCUMENT NUMBER: 96013640 PubMed ID: 7560071  
TITLE: Calcium- and CaMKII-dependent \*\*\*chloride\*\*\* secretion induced by the microsomal Ca(2+)-ATPase inhibitor 2,5-di-(tert-butyl)-1,4-hydroquinone in cystic fibrosis pancreatic epithelial cells.  
AUTHOR: Chao A C; Kouyama K; Heist E K; Dong Y J; Gardner P  
CORPORATE SOURCE: Department of Molecular Pharmacology and Medicine, Stanford University School of Medicine, California 94305, USA.  
CONTRACT NUMBER: DK-41324 (NIDDK)  
SOURCE: JOURNAL OF CLINICAL INVESTIGATION, (1995 Oct) 96 (4) 1794-801.  
Journal code: 7802877. ISSN: 0021-9738.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199511  
ENTRY DATE: Entered STN: 19951227  
Last Updated on STN: 19980206

Entered Medline: 19951113

L2 ANSWER 327 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:722650 CAPLUS  
DOCUMENT NUMBER: 123:109415  
TITLE: Myotonia levior is a \*\*\*chloride\*\*\* \*\*\*channel\*\*\* disorder  
AUTHOR(S): Lehmann-Horn, Frank; Mailander, Volker; Heine, Roland; George, Alfred L.  
CORPORATE SOURCE: Dep. Applied Physiology, Univ. Ulm, Ulm, D-89069, Germany  
SOURCE: Human Molecular Genetics (1995), 4(8), 1397-402  
CODEN: HMGEE5; ISSN: 0964-6906  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 328 OF 519 MEDLINE  
ACCESSION NUMBER: 96065166 MEDLINE  
DOCUMENT NUMBER: 96065166 PubMed ID: 8594548  
TITLE: Interaction between capacitative Ca<sup>2+</sup> influx and Ca<sup>2+</sup>-dependent Cl<sup>-</sup> currents in *Xenopus* oocytes.  
AUTHOR: Parekh A B  
CORPORATE SOURCE: Department of Membrane Biophysics, Max-Planck-Institute for Biophysical Chemistry, Am Fassberg, D-37077 Göttingen, Germany.  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (1995 Oct) 430 (6) 954-63.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199604  
ENTRY DATE: Entered STN: 19960422  
Last Updated on STN: 19960422  
Entered Medline: 19960409

L2 ANSWER 329 OF 519 MEDLINE  
ACCESSION NUMBER: 96033067 MEDLINE  
DOCUMENT NUMBER: 96033067 PubMed ID: 7487909  
TITLE: Role of cyclic GMP in the control of capacitative Ca<sup>2+</sup> entry in rat pancreatic acinar cells.  
AUTHOR: Gilon P; Obie J F; Bian X; Bird G S; Putney J W Jr  
CORPORATE SOURCE: Calcium Regulation Section, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, NC 27709, USA.  
SOURCE: BIOCHEMICAL JOURNAL, (1995 Oct 15) 311 ( Pt 2) 649-56.  
Journal code: 2984726R. ISSN: 0264-6021.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199511  
ENTRY DATE: Entered STN: 19960124  
Last Updated on STN: 19990129  
Entered Medline: 19951128

L2 ANSWER 330 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:632042 CAPLUS  
DOCUMENT NUMBER: 123:249481  
TITLE: An excitatory amino-acid transporter with properties of a ligand-gated \*\*\*chloride\*\*\* \*\*\*channel\*\*\*  
AUTHOR(S): Fairman, W. A.; Vandenberg, R. J.; Arriza, J. L.; Kavanaugh, M. P.; Amara, S. G.  
CORPORATE SOURCE: Howard Hughes Med. Inst., Oregon Health Sci. Univ., Portland, OR, 97201, USA  
SOURCE: Nature (London) (1995), 375(6532), 599-603  
CODEN: NATUAS; ISSN: 0028-0836  
PUBLISHER: Macmillan Magazines  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 331 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 95306223 EMBASE  
DOCUMENT NUMBER: 1995306223  
TITLE: Mechanisms of fluid and electrolyte transport by the biliary epithelium and their contribution to bile formation.  
AUTHOR: Raeder M.G.  
CORPORATE SOURCE: Institute Experimental Med. Research, Ullevaal Hospital, N-4007 Oslo, Norway  
SOURCE: Current Opinion in Gastroenterology, (1995) 11/5 (439-444).  
ISSN: 0267-1379 CODEN: COGAEK  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
048 Gastroenterology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 332 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:748210 CAPLUS  
DOCUMENT NUMBER: 123:138934  
TITLE: Effect of NO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, and DIDS on H<sup>+</sup>-ATPase of plasma membrane vesicles isolated from corn roots  
AUTHOR(S): Varanini, Zeno; Gabriella De Biasi, Margherita; Pinton, Roberto  
CORPORATE SOURCE: Dip. Prod. Veg. Tecnol. Agrar., Univ. Udine, Udine, I-33100, Italy  
SOURCE: Journal of Plant Physiology (1995), 146(4), 423-8  
CODEN: JPPHEY; ISSN: 0176-1617  
PUBLISHER: Fischer  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 333 OF 519 MEDLINE  
ACCESSION NUMBER: 95208785 MEDLINE  
DOCUMENT NUMBER: 95208785 PubMed ID: 7900822  
TITLE: Mechanisms of cyclic nucleotide-induced relaxation in canine tracheal smooth muscle.  
AUTHOR: McGrogan I; Lu S; Hipworth S; Sormaz L; Eng R; Preocanin D; Daniel E E  
CORPORATE SOURCE: Department of Biomedical Sciences, McMaster University, Hamilton, Ontario, Canada.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1995 Mar) 268 (3 Pt 1) L407-13.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199504  
ENTRY DATE: Entered STN: 19950504  
Last Updated on STN: 19980206  
Entered Medline: 19950425

L2 ANSWER 334 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON  
ISIDUPLICATE 30  
ACCESSION NUMBER: 95:539927 SCISEARCH  
THE GENUINE ARTICLE: BD40K  
TITLE: \*\*\*CHLORIDE\*\*\* - \*\*\*CHANNEL\*\*\* GENE PROBES FROM  
CYCLODIENE-RESISTANT AND CYCLODIENE-SUSCEPTIBLE  
STRAINS OF  
BLATTELLA-GERMANICA  
AUTHOR: KAKU K (Reprint); MATSUMURA F  
CORPORATE SOURCE: UNIV CALIF DAVIS, DEPT ENVIRONM TOXICOL,  
DAVIS, CA, 95616  
(Reprint); UNIV CALIF DAVIS, DEPT ENTOMOL, DAVIS, CA,  
95616  
COUNTRY OF AUTHOR: USA  
SOURCE: ACS SYMPOSIUM SERIES, (1995) Vol. 591, pp. 216-229.  
ISSN: 0097-6156.  
DOCUMENT TYPE: General Review; Journal  
FILE SEGMENT: AGRI  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 48  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 335 OF 519 MEDLINE  
ACCESSION NUMBER: 95237269 MEDLINE  
DOCUMENT NUMBER: 95237269 PubMed ID: 7720774  
TITLE: Modulation of cytosolic Ca<sup>2+</sup> concentration by thapsigargin  
and cyclopiazonic acid in human aortic endothelial cells.  
AUTHOR: Hosoki E; Iijima T  
CORPORATE SOURCE: Department of Pharmacology, Akita University School of  
Medicine, Japan.  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1995 Jan 16) 288  
(2)  
131-7.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199505  
ENTRY DATE: Entered STN: 19950605  
Last Updated on STN: 19950605  
Entered Medline: 19950522

L2 ANSWER 336 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:644052 CAPLUS  
DOCUMENT NUMBER: 123:26171  
TITLE: Uptake of L-glutamate into rat brain synaptic  
vesicles: effect of inhibitors that bind specifically to  
the glutamate transporter  
AUTHOR(S): Roseth, Svein; Fyke, Else Marie; Fonnun, Frode  
CORPORATE SOURCE: Division of Environmental Toxicology, Norwegian  
Defense Research Establishment, Kjeller, N-2007,  
Norway  
SOURCE: Journal of Neurochemistry (1995), 65(1), 96-103  
CODEN: JONRA9; ISSN: 0022-3042  
PUBLISHER: Raven  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 337 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:373084 CAPLUS  
DOCUMENT NUMBER: 122:186401  
TITLE: The effects of sodium \*\*\*chloride\*\*\* of the  
absorption and the translocation of several ions in  
plants. IV. Effects of the concentrations of NaCl on  
the absorption and translocation of K, Ca and Mg ions  
in rice (Oryza sativa L.) and soy bean (Glycine max  
Marr.)  
AUTHOR(S): Yamanouchi, Masuo; Koyoshi, Makoto; Nagai, Takeo  
CORPORATE SOURCE: Fac. Agric., Tottori Univ., Tottori, 680, Japan  
SOURCE: Nippon Dojo Hiryogaku Zasshi (1995), 66(1), 32-8  
CODEN: NIDHAX; ISSN: 0029-0610  
DOCUMENT TYPE: Journal  
LANGUAGE: Japanese

L2 ANSWER 338 OF 519 MEDLINE  
ACCESSION NUMBER: 95113908 MEDLINE  
DOCUMENT NUMBER: 95113908 PubMed ID: 7529236  
TITLE: \*\*\*Chloride\*\*\* is required for receptor-mediated  
divalent cation entry in mesangial cells.  
AUTHOR: Kremer S G; Zeng W; Hurst R; Ning T; Whiteside C; Skorecki  
K L  
CORPORATE SOURCE: MRC Group in Membrane Biology, Hospital for Sick Children,  
Toronto, Canada.  
SOURCE: JOURNAL OF CELLULAR PHYSIOLOGY, (1995 Jan) 162 (1) 15-25.  
Journal code: 0050222. ISSN: 0021-9541.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199502  
ENTRY DATE: Entered STN: 19950217  
Last Updated on STN: 19960129  
Entered Medline: 19950203

L2 ANSWER 339 OF 519 MEDLINE DUPLICATE 31  
ACCESSION NUMBER: 95096100 MEDLINE  
DOCUMENT NUMBER: 95096100 PubMed ID: 7798247  
TITLE: Annexin IV inhibits calmodulin-dependent protein kinase  
II-activated \*\*\*chloride\*\*\* conductance: A novel  
mechanism for ion \*\*\*channel\*\*\* regulation.  
AUTHOR: Chan H C; Kaezel M A; Götter A L; Dedman J R; Nelson D J  
CORPORATE SOURCE: Department of Physiology, Chinese University of Hong Kong,  
Shatin.  
CONTRACT NUMBER: DK41740 (NIDDK)  
DK44840 (NIDDK)  
GM36823 (NIGMS)  
+  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Dec 23) 269 (51)  
32464-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199501  
ENTRY DATE: Entered STN: 19950215  
Last Updated on STN: 19980206  
Entered Medline: 19950124

L2 ANSWER 340 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:674783 CAPLUS  
DOCUMENT NUMBER: 121:274783  
TITLE: Ion \*\*\*channel\*\*\* properties of the reconstituted  
chloroplast triose phosphate/phosphate translocator  
AUTHOR(S): Schwarz, Martin; Gross, Armin; Steinkamp, Thomas;  
Flügge, Ulf Ingo; Wagner, Richard  
CORPORATE SOURCE: Fachbereich Biologie Chemie, Univ. Osnabrueck,  
Osnabrueck, Germany  
SOURCE: Journal of Biological Chemistry (1994), 269(47),  
29481-9  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 341 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:598663 CAPLUS  
DOCUMENT NUMBER: 121:198663  
TITLE: Monoclonal antibodies against MDR1 P-glycoprotein  
inhibit \*\*\*chloride\*\*\* conductance and label a  
65-kDa protein in pancreatic zymogen granule membranes  
AUTHOR(S): Thevenod, Frank; Anderie, Ines; Schulz, Irene  
CORPORATE SOURCE: Med. Fac., Univ. Saarland, Homburg/Saar, 66421,  
Germany  
SOURCE: Journal of Biological Chemistry (1994), 269(39),  
24410-17  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 342 OF 519 MEDLINE  
ACCESSION NUMBER: 94179199 MEDLINE  
DOCUMENT NUMBER: 94179199 PubMed ID: 8132547  
TITLE: A pertussis toxin-insensitive calcium influx mediated by  
neuropeptide Y2 receptors in a human neuroblastoma cell  
line.  
AUTHOR: Lynch J W; Lemos V S; Bucher B; Stoclet J C; Takeda K  
CORPORATE SOURCE: Universite Louis Pasteur de Strasbourg, Laboratoire de  
Pharmacologie Cellulaire et Moléculaire, Centre National de  
la Recherche Scientifique URA600, Illkirch, France.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Mar 18) 269 (11)  
8226-33.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199404  
ENTRY DATE: Entered STN: 19940428  
Last Updated on STN: 20021218  
Entered Medline: 19940418

L2 ANSWER 343 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:262684 CAPLUS  
DOCUMENT NUMBER: 120:262684  
TITLE: Nonsense and missense mutations in the muscular  
\*\*\*chloride\*\*\* \*\*\*channel\*\*\* gene Clc-1 of  
myotonic mice  
AUTHOR(S): Gronemeier, Monika; Condé, Alison; Prosser, Jane;  
Steinmeyer, Klaus; Jentsch, Thomas J.; Jockusch,  
Harald  
CORPORATE SOURCE: Dev. Biol. Unit, Univ. Bielefeld, Bielefeld, D-33501,  
Germany  
SOURCE: Journal of Biological Chemistry (1994), 269(8), 5963-7  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 344 OF 519 MEDLINE DUPLICATE 32  
ACCESSION NUMBER: 95221517 MEDLINE  
DOCUMENT NUMBER: 95221517 PubMed ID: 7706385  
TITLE: Drug efflux mediated by the human multidrug resistance  
P-glycoprotein is inhibited by cell swelling.  
AUTHOR: Sardinia A; Mintenig G M; Valverde M A; Sepulveda F V; Gill  
D R; Hyde S C; Higgins C F; McNaughton P A  
CORPORATE SOURCE: Department of Physiology, King's College London, UK.  
SOURCE: JOURNAL OF CELL SCIENCE, (1994 Dec) 107 ( Pt 12) 3281-90.  
Journal code: 0052457. ISSN: 0021-9533.  
PUB. COUNTRY: ENGLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199505  
ENTRY DATE: Entered STN: 19950518  
Last Updated on STN: 19950518  
Entered Medline: 19950511

L2 ANSWER 345 OF 519 MEDLINE DUPLICATE 33  
ACCESSION NUMBER: 95080445 MEDLINE  
DOCUMENT NUMBER: 95080445 PubMed ID: 7988737  
TITLE: Solubilization, partial purification and functional  
reconstitution of a sheep brain endoplasmic reticulum anion  
\*\*\*channel\*\*\*.  
AUTHOR: Silvestro A M; Ashley R H  
CORPORATE SOURCE: Department of Biochemistry, University of Edinburgh, U.K.  
SOURCE: INTERNATIONAL JOURNAL OF BIOCHEMISTRY, (1994 Sep) 26  
(9)  
1129-38.  
Journal code: 0250365. ISSN: 0020-711X.  
PUB. COUNTRY: ENGLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199501  
ENTRY DATE: Entered STN: 19950124  
Last Updated on STN: 19950124  
Entered Medline: 19950109

L2 ANSWER 346 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:290597 CAPLUS  
DOCUMENT NUMBER: 120:290597  
TITLE: Conducting states of a Mammalian serotonin transporter  
AUTHOR(S): Mager, Sela; Min, Churl; Henry, Douglas J.; Chavkin,  
Charles; Hoffman, Beth J.; Davidson, Norman; Lester,  
Henry A.  
CORPORATE SOURCE: Div. Biol., California Inst. Technol., Pasadena, CA,  
91125, USA  
SOURCE: Neuron (1994), 12(4), 845-59  
CODEN: NERNET; ISSN: 0896-6273  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 347 OF 519 MEDLINE  
ACCESSION NUMBER: 94157103 MEDLINE  
DOCUMENT NUMBER: 94157103 PubMed ID: 8113415  
TITLE: Prostaglandin E2 activates clusters of apical Cl-  
\*\*\*channels\*\*\* in principal cells via a cyclic adenosine  
monophosphate-dependent pathway.  
AUTHOR: Ling B N; Kokko K E; Eaton D C  
CORPORATE SOURCE: Department of Medicine, Emory University School of  
Medicine, Atlanta, Georgia 30322.  
CONTRACT NUMBER: DK40017 (NIDDK)  
K08-DK02111 (NIDDK)  
R01-DK37963 (NIDDK)  
SOURCE: JOURNAL OF CLINICAL INVESTIGATION, (1994 Feb) 93 (2)  
829-37.  
Journal code: 7802877. ISSN: 0021-9738.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199403  
ENTRY DATE: Entered STN: 19940406  
Last Updated on STN: 19940406  
Entered Medline: 19940330

L2 ANSWER 348 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1995:185353 CAPLUS  
DOCUMENT NUMBER: 122:28310  
TITLE: A study of urine concentrating mechanism -a molecular  
biological approach.  
AUTHOR(S): Marumo, Fumiaki  
CORPORATE SOURCE: 2nd Department Internal Medicine, Tokyo Medical and  
Dental University, Yushima, 113, Japan  
SOURCE: Japanese Journal of Nephrology (1994), 36(7), 785-90  
CODEN: NJGKAU; ISSN: 0385-2385  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: Japanese

L2 ANSWER 349 OF 519 MEDLINE DUPLICATE 34  
ACCESSION NUMBER: 94122188 MEDLINE  
DOCUMENT NUMBER: 94122188 PubMed ID: 8292603  
TITLE: Reconstitution of purified GABAA receptors: ligand binding  
and \*\*\*chloride\*\*\* \*\*\*transporting\*\*\* properties.  
AUTHOR: Dunn S M; Thynnsma R P  
CORPORATE SOURCE: Department of Pharmacology, Faculty of Medicine, University  
of Alberta, Edmonton, Canada.  
SOURCE: BIOCHEMISTRY, (1994 Jan 25) 33 (3) 755-63.  
Journal code: 0370623. ISSN: 0006-2960.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199402  
ENTRY DATE: Entered STN: 19940314  
Last Updated on STN: 19960129  
Entered Medline: 19940228

L2 ANSWER 350 OF 519 MEDLINE  
ACCESSION NUMBER: 95029929 MEDLINE  
DOCUMENT NUMBER: 95029929 PubMed ID: 7524360  
TITLE: Renal transepithelial phosphate secretion: luminal membrane  
voltage and Ca<sup>2+</sup> dependence.  
AUTHOR: Lu M; Barber L E; Resiffo J L  
CORPORATE SOURCE: Department of Physiology and Neurobiology, University of  
Connecticut, Storrs 06269-3042.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1994 Oct) 267 (4 Pt 2)  
F624-31.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199411  
ENTRY DATE: Entered STN: 19941222  
Last Updated on STN: 19960129  
Entered Medline: 19941118

L2 ANSWER 351 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 94:487066 SCISEARCH  
THE GENUINE ARTICLE: N2656  
TITLE: THE INFLUENCE OF AMBIENT SALINITY AND TEMPERATURE  
ON  
LIPID-METABOLISM IN TOAD (BUFO-BUFO) SKIN - IS  
PHOSPHATIDYLETHANOLAMINE AN ENDOGENOUS REGULATOR  
OF ION  
\*\*\*CHANNELS\*\*\*  
AUTHOR: HANSEN H J M; OLSEN A G; WILLUMSEN N J (Reprint)  
CORPORATE SOURCE: RISO NATL LAB, DK-4000 ROSKILDE, DENMARK  
(Reprint); RISO  
NATL LAB, DK-4000 ROSKILDE, DENMARK; UNIV COPENHAGEN,  
AUGUST KROGH INST, DK-2100 COPENHAGEN, DENMARK  
COUNTRY OF AUTHOR: DENMARK  
SOURCE: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY  
A-PHYSIOLOGY, (AUG  
1994) Vol. 108, No. 4, pp. 599-608.  
ISSN: 0300-9629.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; AGRI  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 30  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 352 OF 519 MEDLINE  
ACCESSION NUMBER: 94329423 MEDLINE  
DOCUMENT NUMBER: 94329423 PubMed ID: 8052523  
TITLE: Activation of Ca(2+)-dependent K+ and Cl- currents by UTP  
and ATP in CFPAC-1 cells.  
AUTHOR: Galletta L J; Zegarra-Moran O; Mastrocola T; Wohrle C;  
Rugolo M; Romeo G  
CORPORATE SOURCE: Laboratorio di Genetica Molecolare, Istituto Giannina  
Gaslini, Genova, Italy.  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY,  
(1994 Apr)  
426 (6) 534-41.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY; Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199409  
ENTRY DATE: Entered STN: 19940914  
Last Updated on STN: 19940914  
Entered Medline: 19940908



L2 ANSWER 353 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 94679569 SCISEARCH  
THE GENUINE ARTICLE: PM919  
TITLE: ION- \*\*\*TRANSPORTING\*\*\* ACTIVITY IN THE MURINE  
COLONIC

EPITHELIUM OF NORMAL ANIMALS AND ANIMALS WITH  
CYSTIC-FIBROSIS  
AUTHOR: CUTHBERT A W (Reprint); MACVINISH L J; HICKMAN M E;  
RATCLIFF R; COLLEDGE W H; EVANS M J  
CORPORATE SOURCE: UNIV CAMBRIDGE, DEPT PHARMACOL, TENNIS  
COURT RD, CAMBRIDGE  
CB2 1QJ, ENGLAND (Reprint); UNIV CAMBRIDGE, DEPT GENET,  
WELLCOME CRC RES UNIT, CAMBRIDGE CB2 1QJ, ENGLAND  
COUNTRY OF AUTHOR: ENGLAND  
SOURCE: PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY,  
(OCT 1994)

Vol. 428, No. 5-6, pp. 508-515.  
ISSN: 0031-6768.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 23  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 354 OF 519 MEDLINE  
ACCESSION NUMBER: 95021130 MEDLINE  
DOCUMENT NUMBER: 95021130 PubMed ID: 7935331  
TITLE: Many agonists induce "quantal" Ca<sup>2+</sup> release or adaptive  
behavior in muscle ryanodine receptors.  
AUTHOR: Dettbarn C; Gyorke S; Palade P  
CORPORATE SOURCE: Department of Physiology and Biophysics, University of  
Texas Medical Branch, Galveston 77555-0641.  
CONTRACT NUMBER: HL42527 (NHLBI)  
SOURCE: MOLECULAR PHARMACOLOGY, (1994 Sep) 46 (3) 502-7.  
Journal code: 0035623. ISSN: 0026-895X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199411  
ENTRY DATE: Entered STN: 19941222  
Last Updated on STN: 19980206  
Entered Medline: 19941110

L2 ANSWER 355 OF 519 MEDLINE  
ACCESSION NUMBER: 95228119 MEDLINE  
DOCUMENT NUMBER: 95228119 PubMed ID: 7712539  
TITLE: Delayed activation of plasma membrane Ca<sup>2+</sup> pump in human  
neutrophils.

AUTHOR: Scharrff O; Foder B  
CORPORATE SOURCE: Department of Clinical Physiology and Nuclear Medicine,  
Rigshospitalet, University Hospital, Copenhagen, Denmark.  
SOURCE: CELL CALCIUM, (1994 Dec) 16 (6) 455-66.  
Journal code: 8006226. ISSN: 0143-4160.  
PUB. COUNTRY: SCOTLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199505  
ENTRY DATE: Entered STN: 19950524  
Last Updated on STN: 19950524  
Entered Medline: 19950518

L2 ANSWER 356 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 94343285 EMBASE  
DOCUMENT NUMBER: 1994343285  
TITLE: Mechanisms of tumor-induced osteolysis.  
AUTHOR: Teitelbaum S.L.; Ross F.P.  
CORPORATE SOURCE: Department of Pathology, Washington Univ. School of  
Medicine, St. Louis, MO, United States  
SOURCE: Laboratory Investigation, (1994) 71/4 (453-455).  
ISSN: 0023-6837 CODEN: LAINAW  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Editorial  
FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
016 Cancer  
033 Orthopedic Surgery  
LANGUAGE: English

L2 ANSWER 357 OF 519 MEDLINE DUPLICATE 35  
ACCESSION NUMBER: 95055244 MEDLINE  
DOCUMENT NUMBER: 95055244 PubMed ID: 7525948  
TITLE: Swelling-induced anion and cation conductances in human  
epididymal cells.  
AUTHOR: Chan H C; Fu W O; Chung Y W; Huang S J; Chan P S; Wong P Y  
CORPORATE SOURCE: Department of Physiology, Faculty of Medicine, Chinese  
University of Hong Kong, Shatin, N.T.  
SOURCE: JOURNAL OF PHYSIOLOGY, (1994 Aug 1) 478 Pt 3 449-60.  
Journal code: 0266262. ISSN: 0022-3751.  
PUB. COUNTRY: ENGLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199412  
ENTRY DATE: Entered STN: 19950110  
Last Updated on STN: 19960129  
Entered Medline: 19941228

L2 ANSWER 358 OF 519 MEDLINE  
ACCESSION NUMBER: 95203335 MEDLINE  
DOCUMENT NUMBER: 95203335 PubMed ID: 7895777  
TITLE: Inhibition of capacitative Ca<sup>2+</sup> entry by a Cl-  
\*\*\*channel\*\*\* blocker in human endothelial cells.  
AUTHOR: Gericke M; Oike M; Droogmans G; Nilius B  
CORPORATE SOURCE: KU Leuven, Belgium.  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1994 Nov 15) 269  
(3)

381-4.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199504  
ENTRY DATE: Entered STN: 19950504  
Last Updated on STN: 19950504  
Entered Medline: 19950424

L2 ANSWER 359 OF 519 MEDLINE  
ACCESSION NUMBER: 95163058 MEDLINE  
DOCUMENT NUMBER: 95163058 PubMed ID: 7859251  
TITLE: Calcium entry activated by store depletion in human  
umbilical vein endothelial cells.  
AUTHOR: Oike M; Gericke M; Droogmans G; Nilius B

CORPORATE SOURCE: KU Leuven, Laboratorium voor Fysiologie, Belgium.  
SOURCE: CELL CALCIUM, (1994 Nov) 16 (5) 367-76.  
Journal code: 8006226. ISSN: 0143-4160.  
PUB. COUNTRY: SCOTLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199503  
ENTRY DATE: Entered STN: 19950404  
Last Updated on STN: 19980206  
Entered Medline: 19950323

L2 ANSWER 360 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 1994:277010 BIOSIS  
DOCUMENT NUMBER: PREV199497290010  
TITLE: Changed densities and diameters of intra-membrane tonoplast  
particles of Mesembryanthemum crystallinum in correlation  
with NaCl-induced CAM.  
AUTHOR(S): Rocket, Beate; Ratajczak, Rafael; Becker, Andrea; Luetge,  
Ulrich  
CORPORATE SOURCE: Institut Botanik, Technische Hochschule Darmstadt,  
Schnitzpahnstr. 3-5, D-64287 Darmstadt Germany  
SOURCE: Journal of Plant Physiology, (1994) Vol. 143, No. 3, pp.  
318-324.  
ISSN: 0176-1617.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L2 ANSWER 361 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:208747 CAPLUS  
DOCUMENT NUMBER: 120:208747  
TITLE: The agonist binding site of the gamma-aminobutyric  
acid type A \*\*\*channel\*\*\* is not formed by the  
extracellular cysteine loop  
AUTHOR(S): Amin, Jahanshah; Dickerson, Ian M.; Weiss, David S.  
CORPORATE SOURCE: Coll. Med., Univ. South Florida, Tampa, FL,  
33612-4799, USA  
SOURCE: Molecular Pharmacology (1994), 45(2), 317-23  
CODEN: MOPMA3; ISSN: 0026-895X  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 362 OF 519 MEDLINE DUPLICATE 36  
ACCESSION NUMBER: 95271985 MEDLINE  
DOCUMENT NUMBER: 95271985 PubMed ID: 7752541  
TITLE: Cytosolic [Cl-] regulates Na+ absorption in fetal alveolar  
epithelium?: roles of cAMP and Cl- \*\*\*channels\*\*\* .  
AUTHOR: Marunaka Y; Nakahari T; Tohda H  
CORPORATE SOURCE: Medical Research Council Group in Lung Development,  
Hospital for Sick Children Research Institute, Toronto,  
Ontario, Canada.  
SOURCE: JAPANESE JOURNAL OF PHYSIOLOGY, (1994) 44 Suppl 2 S281-8.

Journal code: 2985184R. ISSN: 0021-521X.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199506  
ENTRY DATE: Entered STN: 19950629  
Last Updated on STN: 19950629  
Entered Medline: 19950622

L2 ANSWER 363 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:431881 CAPLUS  
DOCUMENT NUMBER: 121:31881  
TITLE: Effects of gadolinium on length-dependent force in  
guinea pig papillary muscle  
AUTHOR(S): Lab, M. J.; Zhou, B. Y.; Spencer, C. I.; Horner, S.  
M.; Seed, W. A.  
CORPORATE SOURCE: Dep. Physiol., Charing Cross and Westminster Med.  
Sch., London, W6 8RF, UK  
SOURCE: Experimental Physiology (1994), 79(2), 249-55  
CODEN: EXPHEZ; ISSN: 0958-0670  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 364 OF 519 MEDLINE  
ACCESSION NUMBER: 95002534 MEDLINE  
DOCUMENT NUMBER: 95002534 PubMed ID: 7918985  
TITLE: Calcium \*\*\*channels\*\*\* activated by depletion of  
internal calcium stores in A431 cells.  
COMMENT: Comment in: Biophys J. 1994 Jul;67(1):6-7  
AUTHOR: Luckhoff A; Clapham D E  
CORPORATE SOURCE: Department of Pharmacology, Mayo Foundation, Rochester,  
Minnesota 55905.  
SOURCE: BIOPHYSICAL JOURNAL, (1994 Jul) 67 (1) 177-82.  
Journal code: 0370626. ISSN: 0006-3495.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199410  
ENTRY DATE: Entered STN: 19941222  
Last Updated on STN: 19980206  
Entered Medline: 19941031

L2 ANSWER 365 OF 519 MEDLINE  
ACCESSION NUMBER: 94109858 MEDLINE  
DOCUMENT NUMBER: 94109858 PubMed ID: 8282348  
TITLE: Effects of sarcoplasmic reticulum calcium pump inhibitors  
on vascular smooth muscle.  
AUTHOR: Kwan C Y; Chaudhary R; Zheng X F; Ni J; Lee R M  
CORPORATE SOURCE: Department of Physiology, University of Hong Kong.  
SOURCE: HYPERTENSION, (1994 Jan) 23 (1 Suppl) 1156-60.  
Journal code: 7906255. ISSN: 0194-911X.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199402  
ENTRY DATE: Entered STN: 19940228  
Last Updated on STN: 19940228  
Entered Medline: 19940216

L2 ANSWER 366 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1996:74158 CAPLUS  
DOCUMENT NUMBER: 124:113918  
TITLE: Functions of CFTR other than as a plasma membrane  
\*\*\*chloride\*\*\* \*\*\*channel\*\*\*  
AUTHOR(S): Biwersi, Joachim; Verkman, A. S.  
CORPORATE SOURCE: Departments Medicine and Physiology, University  
California, San Francisco, CA, USA

SOURCE: Cystic Fibrosis--Current Topics (1994), 2, 155-71  
CODEN: CFCTES; ISSN: 1355-428X  
PUBLISHER: Wiley  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 367 OF 519 MEDLINE  
ACCESSION NUMBER: 94299467 MEDLINE  
DOCUMENT NUMBER: 94299467 PubMed ID: 8027018  
TITLE: Interdependence of H+ and K+ fluxes during the  
Ca(2+)-pumping activity of sarcoplasmic reticulum vesicles.  
AUTHOR: Soler F; Sanchez-Migallon P; Gomez-Fernandez J C;  
Fernandez-Belda F  
CORPORATE SOURCE: Departamento de Bioquímica y Biología Molecular, Facultad  
de Veterinaria, Universidad de Murcia, Spain.  
SOURCE: JOURNAL OF BIOENERGETICS AND BIOMEMBRANES, (1994  
Feb) 26  
(1) 127-36.  
Journal code: 7701859. ISSN: 0145-479X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199408  
ENTRY DATE: Entered STN: 19940818  
Last Updated on STN: 19970203  
Entered Medline: 19940805

L2 ANSWER 368 OF 519 MEDLINE  
ACCESSION NUMBER: 94200243 MEDLINE  
DOCUMENT NUMBER: 94200243 PubMed ID: 7512038  
TITLE: Cyclopiazonic acid stimulates Ca<sup>2+</sup> influx through  
non-specific cation \*\*\*channels\*\*\* in endothelial  
cells.  
AUTHOR: Zhang H; Inazu M; Weir B; Buchanan M; Daniel E  
CORPORATE SOURCE: Department of Biomedical Sciences, McMaster University,  
Hamilton, Ontario, Canada.  
CONTRACT NUMBER: 7R01 NS25946-05 (NINDS)  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1994 Jan 14) 251  
(2-3)

119-25.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199405  
ENTRY DATE: Entered STN: 19940523  
Last Updated on STN: 19960129  
Entered Medline: 19940512

L2 ANSWER 369 OF 519 MEDLINE DUPLICATE 37  
ACCESSION NUMBER: 94136555 MEDLINE  
DOCUMENT NUMBER: 94136555 PubMed ID: 7508184  
TITLE: Cl- regulation of a Ca(2+)-activated nonselective cation  
\*\*\*channel\*\*\* in beta-agonist-treated fetal distal lung  
epithelium.  
AUTHOR: Tohda H; Foskett J K; O'Brodovich H; Marunaka Y  
CORPORATE SOURCE: Division of Respiratory Research, Hospital for Sick  
Children Research Institute, Toronto, Ontario, Canada.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1994 Jan 14) 266 (1 Pt 1)  
C104-9.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199403  
ENTRY DATE: Entered STN: 19940318  
Last Updated on STN: 19960129  
Entered Medline: 19940310

L2 ANSWER 370 OF 519 MEDLINE  
ACCESSION NUMBER: 95103283 MEDLINE  
DOCUMENT NUMBER: 95103283 PubMed ID: 7804849  
TITLE: Intracellular free Ca<sup>2+</sup> in dissociated cells of the chick  
pinna gland: regulation by membrane depolarization, second  
messengers and neuromodulators, and evidence for release of  
intracellular Ca<sup>2+</sup> stores.  
AUTHOR: D'Souza T; Dryer S E  
CORPORATE SOURCE: Program in Neuroscience, Florida State University,  
Tallahassee 32306-4075.  
CONTRACT NUMBER: NS-27013 (NINDS)  
SOURCE: BRAIN RESEARCH, (1994 Sep 5) 656 (1) 85-94.  
Journal code: 0045503. ISSN: 0006-8993.

PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199501  
ENTRY DATE: Entered STN: 19950215  
Last Updated on STN: 19950215  
Entered Medline: 19950131

L2 ANSWER 371 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1994:552995 CAPLUS  
DOCUMENT NUMBER: 121:152995  
TITLE: Light-induced H+ transport across the plasma membrane  
of the acid resistant green alga Dunaliella acidophila  
AUTHOR(S): Remis, David; Treffny, Brigitte; Gimmmler, Hartmut  
CORPORATE SOURCE: Inst. Ecobiol., Slovakian Acad. Sci., Nitra, Slovakia  
SOURCE: Plant Physiology and Biochemistry (Paris, France)  
(1994), 32(1), 75-84  
CODEN: PPBIEX; ISSN: 0981-9428  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 372 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 94082955 EMBASE  
DOCUMENT NUMBER: 1994082955  
TITLE: Osteoclastic acid transport: Mechanism and implications for  
physiological and pharmacological regulation.  
AUTHOR: Schlesinger P.H.; Mattsson J.P.; Blair H.C.  
CORPORATE SOURCE: Dept. of Cell Biology and Physiology, Washington Univ.  
School of Medicine, St. Louis, MO 63110, United States  
SOURCE: Mineral and Electrolyte Metabolism, (1994) 20/1-2 (31-39).  
ISSN: 0378-0392 CODEN: MELMDI  
COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 029 Clinical Biochemistry  
033 Orthopedic Surgery  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 373 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1993-038659 [05] WPIDS  
DOC. NO. CPI: C1993-017435  
TITLE: Reinforced flexible hoses prodn., useful for  
\*\*\*transporting\*\*\* water - by using soft thermoplastic  
material with spiral hand thermoplastic e.g. plasticised  
PVC reinforced with rigid PVC etc..  
DERWENT CLASS: A32 A88  
INVENTOR(S): TSINGOPOULOS, D T  
PATENT ASSIGNEE(S): (TETR-N) TETRAGON SA; (TSIN-I) TSINGOPOULOS D T  
COUNTRY COUNT: 10  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 526382	A1	19930203	(199305)*	EN	6
R:	DE ES FR GB GR IT NL PT SE				
US 5217723	A	19930608	(199324)		5
EP 526382	B1	19981028	(199847)	EN	
R:	DE ES FR GB GR IT NL PT SE				
DE 69227417	E	19981203	(199903)		

#### APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 526382	A1	EP 1992-600003	19920602
US 5217723	A	US 1991-709453	19910603
EP 526382	B1	EP 1992-600003	19920602
DE 69227417	E	DE 1992-627417	19920602
		EP 1992-600003	19920602

#### FILING DETAILS:

PATENT NO	KIND	PATENT NO
DE 69227417	E Based on	EP 526382

PRIORITY APPLN. INFO: US 1991-709453 19910603

L2 ANSWER 374 OF 519 MEDLINE  
ACCESSION NUMBER: 94075304 MEDLINE  
DOCUMENT NUMBER: 94075304 PubMed ID: 8253745  
TITLE: Calcium \*\*\*channel\*\*\* subtypes controlling serotonin  
release from human small cell lung carcinoma cell lines.  
AUTHOR: Codignola A; Tarroni P; Clementi F; Pollo A; Lovallo M;  
Carbone E; Sher E  
CORPORATE SOURCE: Consiglio Nazionale delle Ricerche, Center of  
Cytoparmacology, Department of Medical Pharmacology,  
University of Milan, Italy.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Dec 15) 268 (35)  
26240-7.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199401  
ENTRY DATE: Entered STN: 19940203  
Last Updated on STN: 20000303  
Entered Medline: 19940113

L2 ANSWER 375 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93344725 EMBASE  
DOCUMENT NUMBER: 1993344725  
TITLE: Nonpolar environment of tryptophans in erythrocyte water  
\*\*\*channel\*\*\* CHIP28 determined by fluorescence  
quenching.  
AUTHOR: Farinas J.; Van Hoek A N.; Shi L.-B.; Erickson C.; Verkman  
A.S.  
CORPORATE SOURCE: Department of Medicine/Physiology, Cardiovascular Research  
Institute, University of California, San Francisco, CA  
94143-0532, United States  
SOURCE: Biochemistry, (1993) 32/44 (11857-11864).  
ISSN: 0006-2960 CODEN: BICHAW  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 376 OF 519 MEDLINE  
ACCESSION NUMBER: 93208111 MEDLINE  
DOCUMENT NUMBER: 93208111 PubMed ID: 8457558  
TITLE: A point mutation at cysteine 189 blocks the water  
permeability of rat kidney water \*\*\*channel\*\*\* CHIP28k.  
AUTHOR: Zhang R; van Hoek A N.; Biwersi J.; Verkman A S  
CORPORATE SOURCE: Department of Medicine, University of California, San  
Francisco 94143-0532.  
CONTRACT NUMBER: DK35124 (NIDDK)  
DK43840 (NIDDK)  
HL42368 (NHLBI)  
SOURCE: BIOCHEMISTRY, (1993 Mar 30) 32 (12) 2938-41.  
Journal code: 0370623. ISSN: 0006-2960.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199304  
ENTRY DATE: Entered STN: 19930514  
Last Updated on STN: 20000303  
Entered Medline: 19930427

L2 ANSWER 377 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93182549 EMBASE  
DOCUMENT NUMBER: 1993182549  
TITLE: Renal bicarbonate reabsorption in the rat. IV. Bicarbonate  
transport mechanisms in the early and late distal tubule.  
AUTHOR: Wang T.; Malnic G.; Giebisch G.; Chan Y.L.  
CORPORATE SOURCE: Cellular/Molecular Physiology Dept., Yale University School  
of Medicine, 333 Cedar St., New Haven, CT 06510, United  
States  
SOURCE: Journal of Clinical Investigation, (1993) 91/6 (2776-2784).  
ISSN: 0021-9738 CODEN: JCINAO  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 378 OF 519 MEDLINE  
ACCESSION NUMBER: 94043728 MEDLINE  
DOCUMENT NUMBER: 94043728 PubMed ID: 7693757

TITLE: Regulation of mesangial cell ion \*\*\*channels\*\*\* by  
insulin and angiotensin II. Possible role in diabetic  
glomerular hyperfiltration.  
AUTHOR: Ling B N; Seal E E; Eaton D C  
CORPORATE SOURCE: Department of Medicine, Emory University School of  
Medicine, Atlanta, Georgia 30322.  
CONTRACT NUMBER: K08 DK-02111 (NIDDK)  
R01 DK-37963 (NIDDK)  
SOURCE: JOURNAL OF CLINICAL INVESTIGATION, (1993 Nov) 92 (5)  
2141-51.  
Journal code: 7802877. ISSN: 0021-9738.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199312  
ENTRY DATE: Entered STN: 19940107  
Last Updated on STN: 19970203  
Entered Medline: 19931210

L2 ANSWER 379 OF 519 MEDLINE  
ACCESSION NUMBER: 93123260 MEDLINE  
DOCUMENT NUMBER: 93123260 PubMed ID: 8380411  
TITLE: The interaction of fluorescein isothiocyanate with the  
ryanodine receptor/Ca2+ release \*\*\*channel\*\*\* of  
sarcoplasmic reticulum.  
AUTHOR: Orr I; Martin C; Ashley R; Shoshan-Barmatz V  
CORPORATE SOURCE: Department of Life Sciences, Ben Gurion University of the  
Negev, Beer Sheva, Israel.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Jan 15) 268 (2)  
1376-82.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199302  
ENTRY DATE: Entered STN: 19930226  
Last Updated on STN: 19980206  
Entered Medline: 19930205

L2 ANSWER 380 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
ACCESSION NUMBER: 1993:540423 BIOSIS  
DOCUMENT NUMBER: PREV199345127517  
TITLE: Voltage-dependent sodium and \*\*\*chloride\*\*\*  
\*\*\*channels\*\*\* in \*\*\*transporting\*\*\* epithelia.  
AUTHOR(S): Schilb, T. (1); Carrasquer, G.; Schwartz, M.; Dinno, M.  
CORPORATE SOURCE: (1) Univ. Louisville, Louisville, KY USA  
SOURCE: Journal of the American Society of Nephrology, (1993) Vol.  
4, No. 3, pp. 878.  
Meeting Info.: 26th Annual Meeting of the ASN (American  
Society of Nephrology) Boston, Massachusetts, USA November  
14-17, 1993  
ISSN: 1046-6673.  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 381 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1993:622917 CAPLUS  
DOCUMENT NUMBER: 119:222917  
TITLE: Transporters, \*\*\*channels\*\*\* and human disease  
AUTHOR(S): Ashcroft, Frances M.; Roper, Jochen  
CORPORATE SOURCE: Oxford Univ., Oxford, UK  
SOURCE: Current Opinion in Cell Biology (1993), 5(4), 677-83  
CODEN: COCB3; ISSN: 0955-0674  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 382 OF 519 MEDLINE  
ACCESSION NUMBER: 93223938 MEDLINE  
DOCUMENT NUMBER: 93223938 PubMed ID: 7682190  
TITLE: The effect of calcium \*\*\*channel\*\*\* antagonists and BAY  
K 8644 on calcium fluxes of malignant hyperpyrexia-  
susceptible muscle.  
AUTHOR: Foster P S; Denborough M A  
CORPORATE SOURCE: Division of Biochemistry and Molecular Biology, John Curtin  
School of Medical Research, Australian National University,  
Canberra, ACT.  
SOURCE: INTERNATIONAL JOURNAL OF BIOCHEMISTRY, (1993 Apr) 25  
(4)  
495-504.  
Journal code: 0250365. ISSN: 0020-711X.  
PUB. COUNTRY: ENGLAND; United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199305  
ENTRY DATE: Entered STN: 19930521  
Last Updated on STN: 19960129  
Entered Medline: 19930511

L2 ANSWER 383 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93270335 EMBASE  
DOCUMENT NUMBER: 1993270335  
TITLE: Expression of the epithelial Na+ \*\*\*channel\*\*\* in the  
developing rat lung.  
AUTHOR: O'Brodovich H.; Canessa C.; Ueda J.; Rafii B.; Rossier  
B.C.; Edelson J.  
CORPORATE SOURCE: Hospital for Sick Children, 555 University Ave., Toronto,  
Ont. M5G-1X8, Canada  
SOURCE: American Journal of Physiology - Cell Physiology, (1993)  
265/2 34-2 (C491-C496).  
ISSN: 0002-9513 CODEN: AJPCDD  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
021 Developmental Biology and Teratology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 384 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1993:188978 CAPLUS  
DOCUMENT NUMBER: 118:188978  
TITLE: Potassium fluxes mediated by sodium-potassium-  
\*\*\*chloride\*\*\* cotransport and sodium-potassium-  
ATPase pumps in renal tubule cell lines transformed by  
wild-type and temperature-sensitive strains of simian  
virus 40  
AUTHOR(S): Vandewalle, A.; Vuillemin, T.; Teulon, J.; Baudouin,  
B.; Wahbe, F.; Bens, M.; Cassingena, R.; Ronco, P.  
CORPORATE SOURCE: INSERM U 246, UER Xavier-Bichat, Paris, 75018, Fr.  
SOURCE: Journal of Cellular Physiology (1993), 154(3), 466-77  
CODEN: JCLLAX; ISSN: 0021-9541

DOCUMENT TYPE: Journal  
LANGUAGE: English  
L2 ANSWER 385 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 93:137745 SCISEARCH  
THE GENUINE ARTICLE: KP927  
TITLE: CA2+ AND MG2+ TRANSPORT IN GILLS AND GUT OF TILAPIA,  
OREOCHROMIS-MOSSAMBICUS - A REVIEW  
AUTHOR: FLIK G (Reprint); VANDERVELDEN J A; DECHERING K J;  
VERBOST  
P M; SCHOENMAKERS T J M; KOLAR Z I; BONGA S E W  
CORPORATE SOURCE: CATHOLIC UNIV NIJMEGEN, FAC SCI, DEPT ANIM  
PHYSIOL., 6525  
ED NIJMEGEN, NETHERLANDS (Reprint); DELFT UNIV TECHNOL.,  
INTERFAC REACTOR INST, DEPT RADIOCHEM, 2629 JB DELFT,  
NETHERLANDS  
COUNTRY OF AUTHOR: NETHERLANDS  
SOURCE: JOURNAL OF EXPERIMENTAL ZOOLOGY, (15 MAR 1993) Vol.  
265,  
No. 4, pp. 356-365.  
ISSN: 0022-104X.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; AGR  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 33  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 386 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93091344 EMBASE  
DOCUMENT NUMBER: 1993091344  
TITLE: Acid-base transport in the collecting duct.  
AUTHOR: Hamm L.L.; Hering-Smith K.S.  
CORPORATE SOURCE: Section of Nephrology, Tulane University Medical Center,  
1430 Tulane Ave., New Orleans, LA 70112, United States  
SOURCE: Seminars in Nephrology, (1993) 13/2 (246-255).  
ISSN: 0270-9295 CODEN: SNEPDJ  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 002 Physiology  
LANGUAGE: English

L2 ANSWER 387 OF 519 MEDLINE  
ACCESSION NUMBER: 94021280 MEDLINE  
DOCUMENT NUMBER: 94021280 PubMed ID: 8414905  
TITLE: Spatial and temporal control of intracellular free Ca2+ in  
chick sensory neurons.  
AUTHOR: Mironov S L; Usachev YuM; Lux H D  
CORPORATE SOURCE: Department of Neurophysiology, Max-Planck-Institute for  
Psychiatry, Planegg-Martinsried, Germany.  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY,  
(1993 Jul)  
424 (2) 183-91.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY; Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199311  
ENTRY DATE: Entered STN: 19940117  
Last Updated on STN: 19970203  
Entered Medline: 19931108

L2 ANSWER 388 OF 519 MEDLINE DUPLICATE 38  
ACCESSION NUMBER: 94060072 MEDLINE  
DOCUMENT NUMBER: 94060072 PubMed ID: 8241242  
TITLE: Effects of vasopressin on single Cl- \*\*\*channels\*\*\* in  
the apical membrane of distal nephron cells (A6).  
AUTHOR: Marukawa Y; Tobda H  
CORPORATE SOURCE: Division of Respiratory Research, Hospital for Sick  
Children Research Institute, University of Toronto Faculty  
of Medicine, Ontario, Canada.  
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (1993 Nov 21) 1153 (1)  
105-10.  
Journal code: 0217513. ISSN: 0006-3002.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199312  
ENTRY DATE: Entered STN: 19940201  
Last Updated on STN: 19940201  
Entered Medline: 19931228

L2 ANSWER 389 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 93:706639 SCISEARCH  
THE GENUINE ARTICLE: MH765  
TITLE: CALCIUM-TRANSPORT IN FISH GILLS AND INTESTINE  
AUTHOR: FLIK G (Reprint); VERBOST P M  
CORPORATE SOURCE: CATHOLIC UNIV NIJMEGEN, FAC SCI, DEPT ANIM  
PHYSIOL., 6525  
ED NIJMEGEN, NETHERLANDS (Reprint)  
COUNTRY OF AUTHOR: NETHERLANDS  
SOURCE: JOURNAL OF EXPERIMENTAL BIOLOGY, (NOV 1993) Vol. 184,  
pp.  
17-29.  
ISSN: 0022-0949.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; AGR  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 58  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 390 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93277093 EMBASE  
DOCUMENT NUMBER: 1993277093  
TITLE: Recent advances toward understanding osteoclast physiology.  
AUTHOR: Blair H.C.; Schlesinger P.H.; Ross F.P.; Teitelbaum S.L.  
CORPORATE SOURCE: Department of Pathology, 535 Lyons-Harrison Bldg., UAB  
Station, Birmingham, AL 35294, United States  
SOURCE: Clinical Orthopaedics and Related Research, (1993) -/294  
(7-22).  
ISSN: 0009-921X CODEN: CORTBR  
COUNTRY: United States  
DOCUMENT TYPE: Journal; General Review  
FILE SEGMENT: 002 Physiology  
033 Orthopedic Surgery  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 391 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 92293557 EMBASE  
DOCUMENT NUMBER: 1992293557  
TITLE: Functional reconstitution of the isolated erythrocyte water

\*\*\*channel\*\*\* CHIP28.  
AUTHOR: Van Hoek A.N.; Verkman A.S.  
CORPORATE SOURCE: Cardiovascular Research Inst., 1065 Health Sciences East Tower, University of California, San Francisco, CA 94143-0532, United States  
SOURCE: Journal of Biological Chemistry, (1992) 267/26 (18267-18269).  
ISSN: 0021-9258 CODEN: JBCHA3  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 392 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:485327 CAPLUS  
DOCUMENT NUMBER: 117:85327  
TITLE: ATP-dependent bacterial transporters and cystic fibrosis: analogy between \*\*\*channels\*\*\* and transporters  
AUTHOR(S): Ames, Giovanna Ferro Luzzi; Lecar, Harold  
CORPORATE SOURCE: Dep. Mol. Cell Biol., Univ. California, Berkeley, CA, 94720, USA  
SOURCE: FASEB Journal (1992), 6(9), 2660-6  
CODEN: FAJOEC; ISSN: 0892-6638  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 393 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:484043 CAPLUS  
DOCUMENT NUMBER: 117:84043  
TITLE: GABA-mediated positive autofeedback loop controls horizontal cell kinetics in tiger salamander retina  
AUTHOR(S): Kamermans, Maarten; Werblin, Frank  
CORPORATE SOURCE: Dep. Mol. Cell Biol., Univ. California, Berkeley, CA, 94720, USA  
SOURCE: Journal of Neuroscience (1992), 12(7), 2451-63  
CODEN: JNRSDS; ISSN: 0270-6474  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 394 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1993:16765 CAPLUS  
DOCUMENT NUMBER: 118:16765  
TITLE: Characterization of glutamate efflux from preoptic area synaptosomes  
AUTHOR(S): Fleischmann, A.; Makman, M. H.; Eigen, Anne M.  
CORPORATE SOURCE: Dep. Psychiatry, Albert Einstein Coll. Med., Bronx, NY, 10461, USA  
SOURCE: Neuropharmacology (1992), 31(11), 1171-8  
CODEN: NEPHBW; ISSN: 0028-3908  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 395 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93068530 EMBASE  
DOCUMENT NUMBER: 1993068530  
TITLE: Role of alkaline metal ions in the H<sup>+</sup>-ATPase activity of various yeast species.  
AUTHOR: Kotyk A.; Dvorakova M.; Georgiou G.  
CORPORATE SOURCE: Department of Membrane Transport, Institute of Physiology, Czech Academy of Sciences, 142 20 Prague 4, Czech Republic  
SOURCE: Biochemistry International, (1992) 28/6 (1089-1096).  
ISSN: 0158-3231 CODEN: BIINDF  
COUNTRY: Australia  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 004 Microbiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 396 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 93019091 EMBASE  
DOCUMENT NUMBER: 1993019091  
TITLE: Electrophysiological properties of cultured outer medullary collecting duct cells.  
AUTHOR: Pappas C.A.; Koepfen B.M.  
CORPORATE SOURCE: Division of Nephrology, Univ. of Connecticut Health Center, Farmington, CT 06030, United States  
SOURCE: American Journal of Physiology - Renal Fluid and Electrolyte Physiology, (1992) 263/6 32-6 (F1004-F1010).  
ISSN: 0002-9513 CODEN: AJPFDM  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
028 Urology and Nephrology  
029 Clinical Biochemistry  
030 Pharmacology  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 397 OF 519 MEDLINE DUPLICATE 39  
ACCESSION NUMBER: 93035893 MEDLINE  
DOCUMENT NUMBER: 93035893 PubMed ID: 1415673  
TITLE: Immunolocalization of \*\*\*chloride\*\*\* - \*\*\*transporting\*\*\* membrane vesicles in tracheal epithelial cells.  
AUTHOR: Dubinsky W P; Preston C L; Calenzo M A; White G J; Decker E R  
CORPORATE SOURCE: Department of Physiology and Cell Biology, University of Texas Medical School, Houston 77225.  
CONTRACT NUMBER: DK-38518 (NIDDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1992 Oct) 263 (4 Pt 1) C888-95.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199211  
ENTRY DATE: Entered STN: 19930122  
Last Updated on STN: 19930122  
Entered Medline: 19921125

L2 ANSWER 398 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 92:639466 SCISEARCH  
THE GENUINE ARTICLE: JU805  
TITLE: IMMUNOLOCAIZATION OF \*\*\*CHLORIDE\*\*\* - \*\*\*TRANSPORTING\*\*\* MEMBRANE-VESICLES IN TRACHEAL EPITHELIAL-CELLS  
AUTHOR: DUBINSKY W P (Reprint); PRESTON C L; CALENZO M A; WHITE G J; DECKER E R  
CORPORATE SOURCE: UNIV TEXAS, SCH MED, DEPT PHYSIOL & CELL BIOL,

POB 20708,  
HOUSTON, TX, 77025 (Reprint)  
COUNTRY OF AUTHOR: USA  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (OCT 1992) Vol. 263, No. 4, Part 1, pp. C879-C887.  
ISSN: 0002-9513.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 29  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 399 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:422578 CAPLUS  
DOCUMENT NUMBER: 117:22578  
TITLE: Chemical probes for anion transporters of mammalian cell membranes  
AUTHOR(S): Cabantchik, Z. I.; Greger, R.  
CORPORATE SOURCE: Inst. Life Sci., Hebrew Univ., Jerusalem, 91904, Israel  
SOURCE: American Journal of Physiology (1992), 262(4, Pt. 1), C803-C827  
CODEN: AJPHAP; ISSN: 0002-9513  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 400 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:524898 CAPLUS  
DOCUMENT NUMBER: 117:124898  
TITLE: Estradiol plus progesterone promote glutamate-induced release of gamma-aminobutyric acid from preoptic area synaptosomes  
AUTHOR(S): Fleischmann, A.; Eitzen, Anne M.; Makman, M. H.  
CORPORATE SOURCE: Dep. Psychiatry, Albert Einstein Coll. Med., Bronx, NY, 10461, USA  
SOURCE: Neuropharmacology (1992), 31(8), 799-807  
CODEN: NEPHBW; ISSN: 0028-3908  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 401 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1993:536273 CAPLUS  
DOCUMENT NUMBER: 119:136273  
TITLE: Regions involved in the opening of CIC-2 \*\*\*chloride\*\*\* \*\*\*channel\*\*\* by voltage and cell volume  
AUTHOR(S): Grunder, Stefam; Thiemann, Astrid; Pusch, Michael; Jentsch, Thomas J.  
CORPORATE SOURCE: Cent. Mol. Neurobiol., Hamburg Univ., Hamburg, D-2000, Germany  
SOURCE: Nature (London, United Kingdom) (1992), 360(6406), 759-62  
CODEN: NATUAS; ISSN: 0028-0836  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 402 OF 519 MEDLINE DUPLICATE 40  
ACCESSION NUMBER: 93091922 MEDLINE  
DOCUMENT NUMBER: 93091922 PubMed ID: 1281032  
TITLE: Milestones in cystic fibrosis.  
AUTHOR: Super M  
CORPORATE SOURCE: Paediatric Genetics Unit, Royal Manchester Children's Hospital, University of Manchester Medical School, UK.  
SOURCE: BRITISH MEDICAL BULLETIN, (1992 Oct) 48 (4) 717-37. Ref: 72  
Journal code: 0376542. ISSN: 0007-1420.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Historical  
Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals; History of Medicine  
ENTRY MONTH: 199301  
ENTRY DATE: Entered STN: 19930129  
Last Updated on STN: 19960129  
Entered Medline: 19930113

L2 ANSWER 403 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:36330 CAPLUS  
DOCUMENT NUMBER: 116:36330  
TITLE: Role of glucose carrier in human erythrocyte water permeability  
AUTHOR(S): Zeidel, Mark L.; Albalak, Ariela; Grossman, Eric; Carruthers, Anthony  
CORPORATE SOURCE: Dep. Med., West Roxbury Veterans Adm., West Roxbury, MA, 02132, USA  
SOURCE: Biochemistry (1992), 31(2), 589-96  
CODEN: BICHAW; ISSN: 0006-2960  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 404 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 92159969 EMBASE  
DOCUMENT NUMBER: 1992159969  
TITLE: Optical measurement of osmotic water transport in cultured cells. Role of glucose transporters.  
AUTHOR: Echevarria M.; Verkman A.S.  
CORPORATE SOURCE: 1065 Health Sciences East Tower, University of California, Third and Parnassus Avenues, San Francisco, CA 94143-0532, United States  
SOURCE: Journal of General Physiology, (1992) 99/4 (573-589).  
ISSN: 0022-1295 CODEN: JGPLAD  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 405 OF 519 MEDLINE  
ACCESSION NUMBER: 93217854 MEDLINE  
DOCUMENT NUMBER: 93217854 PubMed ID: 1338464  
TITLE: Guanosine 3',5'-cyclic monophosphate regulates calcium \*\*\*channels\*\*\* in neurones of rabbit vesical pelvic ganglia.  
AUTHOR: Nishimura T.; Akasu T.; Krier J  
CORPORATE SOURCE: Department of Physiology, Kurume University School of Medicine, Japan.  
SOURCE: JOURNAL OF PHYSIOLOGY, (1992 Nov) 457 559-74.  
Journal code: 0266262. ISSN: 0022-3751.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199304  
ENTRY DATE: Entered STN: 19930521  
Last Updated on STN: 19930521  
Entered Medline: 19930430

L2 ANSWER 406 OF 519 MEDLINE DUPLICATE 41  
ACCESSION NUMBER: 93076504 MEDLINE  
DOCUMENT NUMBER: 93076504 PubMed ID: 1359950  
TITLE: Aldosterone increases the amiloride-sensitivity of the rat gustatory neural response to NaCl.  
AUTHOR: Herness M S  
CORPORATE SOURCE: Rockefeller University, New York, NY 10021.  
CONTRACT NUMBER: DC 00401 (NIDCD)  
SOURCE: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. COMPARATIVE PHYSIOLOGY, (1992 Oct) 103 (2) 269-73.  
Journal code: 9441449.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199212  
ENTRY DATE: Entered STN: 19930129  
Last Updated on STN: 19950206  
Entered Medline: 19921229

L2 ANSWER 407 OF 519 MEDLINE DUPLICATE 42  
ACCESSION NUMBER: 92353196 MEDLINE  
DOCUMENT NUMBER: 92353196 PubMed ID: 1379473  
TITLE: Correction of the apical membrane \*\*\*chloride\*\*\* permeability defect in polarized cystic fibrosis airway epithelia following retroviral-mediated gene transfer.  
AUTHOR: Olsen J C; Johnson L G; Stutts M J; Sarkadi B; Yankaskas J R; Swanson R; Boucher R C  
CORPORATE SOURCE: UNC Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill 27599.  
CONTRACT NUMBER: HL42834 (NHLBI)  
ROI-CA331457 (NCI)  
ROI-HL47121 (NHLBI)  
SOURCE: HUMAN GENE THERAPY, (1992 Jun) 3 (2) 253-66.  
Journal code: 9008950. ISSN: 1043-0342.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199209  
ENTRY DATE: Entered STN: 19920925  
Last Updated on STN: 19960129  
Entered Medline: 19920908

L2 ANSWER 408 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1992:521578 BIOSIS  
DOCUMENT NUMBER: BA94:129653  
TITLE: ACTIVATION BY MEMBRANE STRETCH AND DEPOLARIZATION OF AN EPITHELIAL MONOVALENT CATION \*\*\*CHANNEL\*\*\* FROM TELEOST INTESTINE.  
AUTHOR(S): CHANG W; LORETZ C A  
CORPORATE SOURCE: DEP. BIOL. SCI., STATE UNIV. OF NEW YORK BUFFALO, BUFFALO, N.Y. 14260.  
SOURCE: J EXP BIOL, (1992) 169 (0), 87-104.  
CODEN: JEBIAM. ISSN: 0022-0949.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L2 ANSWER 409 OF 519 MEDLINE  
ACCESSION NUMBER: 92125516 MEDLINE  
DOCUMENT NUMBER: 92125516 PubMed ID: 1310230  
TITLE: Analysis of K<sup>+</sup> transport by rabbit CCD: conductive pathways and K(+)K<sup>+</sup> exchange by Na(+)K<sup>+</sup> pump.  
AUTHOR: Nonaka T; Warden D H; Stokes J B  
CORPORATE SOURCE: Department of Internal Medicine, University of Iowa College of Medicine, Iowa City 52242.  
CONTRACT NUMBER: DK-25231 (NIDDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1992 Jan) 262 (1 Pt 2) F86-97.  
Journal code: 0370511. ISSN: 0002-9513.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199202  
ENTRY DATE: Entered STN: 19920315  
Last Updated on STN: 19920315  
Entered Medline: 19920225

L2 ANSWER 410 OF 519 MEDLINE  
ACCESSION NUMBER: 93022663 MEDLINE  
DOCUMENT NUMBER: 93022663 PubMed ID: 1383610  
TITLE: Altered ryanodine receptor of canine cardiac sarcoplasmic reticulum and its underlying mechanism in endotoxin shock.  
AUTHOR: Wu L L; Liu M S  
CORPORATE SOURCE: Department of Pharmacological and Physiological Science, St. Louis University School of Medicine, Missouri 63104.  
CONTRACT NUMBER: GM-31664 (NIGMS)  
SOURCE: JOURNAL OF SURGICAL RESEARCH, (1992 Jul) 53 (1) 82-90.  
Journal code: 0376340. ISSN: 0022-4804.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199211  
ENTRY DATE: Entered STN: 19930122  
Last Updated on STN: 19980206  
Entered Medline: 19921102

L2 ANSWER 411 OF 519 MEDLINE  
ACCESSION NUMBER: 92174257 MEDLINE  
DOCUMENT NUMBER: 92174257 PubMed ID: 1371721  
TITLE: Mechanisms of activated Ca<sup>2+</sup> entry in the rat pancreatoma cell line, AR4-2J.  
AUTHOR: Bird G S; Takemura H; Thastrup O; Putney J W Jr; Menniti F S  
CORPORATE SOURCE: Calcium Regulation Section, National Institute of Environmental Health Sciences, National Institutes of Health, Research Triangle Park, North Carolina.  
SOURCE: CELL CALCIUM, (1992 Jan) 13 (1) 49-58.  
Journal code: 8006226. ISSN: 0143-4160.

PUB. COUNTRY: SCOTLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199204  
ENTRY DATE: Entered STN: 19920424  
Last Updated on STN: 19990129  
Entered Medline: 19920409

L2 ANSWER 412 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1991:555656 CAPLUS  
DOCUMENT NUMBER: 115:155656  
TITLE: Cloning and expression of a rat cardiac delayed rectifier potassium \*\*\*channel\*\*\*  
AUTHOR(S): Paulmichl, Markus; Nasmith, Patricia; Hellmiss, Renate; Reed, Karen; Boyle, Walter A.; Nerbonne, Jeanne M.; Peralta, Ernest G.; Clapham, David E.  
CORPORATE SOURCE: Dep. Pharmacol., Mayo Found., Rochester, MN, 55905, USA  
SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1991), 88(17), 7892-5  
CODEN: PNAS66; ISSN: 0027-8424  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 413 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1991:178783 CAPLUS  
DOCUMENT NUMBER: 114:178783  
TITLE: ATP-dependent uptake of 5-hydroxytryptamine by secretory granules isolated from thyroid parafollicular cells  
AUTHOR(S): Cidon, Shulamit; Tamir, Hadassah; Nunez, Eladio A.; Gershon, Michael D.  
CORPORATE SOURCE: Coll. Physicians Surg., Columbia Univ., New York, NY, 10032, USA  
SOURCE: Journal of Biological Chemistry (1991), 266(7), 4392-400  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 414 OF 519 MEDLINE  
ACCESSION NUMBER: 91248296 MEDLINE  
DOCUMENT NUMBER: 91248296 PubMed ID: 1710123  
TITLE: A comparative study of histamine and K<sup>+</sup> effects on (Ca<sup>2+</sup>)-Mg<sup>2+</sup>-ATPase activity in synaptosomes.  
AUTHOR: Rodriguez R; Toledo A; Sabria J; Rodriguez J; Blanco I  
CORPORATE SOURCE: Dpto bioquimica y Biologia Molecular, Facultad de Medicina, Universidad Autonoma de Barcelona, Spain.  
SOURCE: BIOCHEMICAL PHARMACOLOGY, (1991 Jun 15) 41 (12) 1981-6.  
Journal code: 0101032. ISSN: 0006-2952.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199107  
ENTRY DATE: Entered STN: 19910719  
Last Updated on STN: 19960129  
Entered Medline: 19910703

L2 ANSWER 415 OF 519 MEDLINE DUPLICATE 43  
ACCESSION NUMBER: 91281819 MEDLINE  
DOCUMENT NUMBER: 91281819 PubMed ID: 1829326  
TITLE: Passive \*\*\*chloride\*\*\* permeability charge coupled to H(+)ATPase of avian osteoclast ruffled membrane.  
AUTHOR: Blair H C; Tetelbaum S L; Tan H L; Kozioł C M; Schlesinger P H  
CORPORATE SOURCE: Department of Pathology, Jewish Hospital, Washington University Medical Center, St. Louis, Missouri.  
CONTRACT NUMBER: AM-01631 (NIADDK)  
AM-32788 (NIADDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1991 Jun) 260 (6 Pt 1) C1315-24.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199107  
ENTRY DATE: Entered STN: 19910818  
Last Updated on STN: 19970203  
Entered Medline: 19910730

L2 ANSWER 416 OF 519 MEDLINE DUPLICATE 44  
ACCESSION NUMBER: 91241247 MEDLINE  
DOCUMENT NUMBER: 91241247 PubMed ID: 2035616  
TITLE: Macromolecular conjugates of transport inhibitors: new tools for probing topography of anion transport proteins.  
AUTHOR: Eidelman O; Yani P; Englert H C; Lang H G; Greger R; Cabantchik Z I  
CORPORATE SOURCE: Department of Biological Chemistry, Hebrew University of Jerusalem, Israel.  
CONTRACT NUMBER: HL-40158 (NHLBI)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1991 May) 260 (5 Pt 1) C1094-103.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199106  
ENTRY DATE: Entered STN: 19910714  
Last Updated on STN: 19970203  
Entered Medline: 19910624

L2 ANSWER 417 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ACCESSION NUMBER: 91:303451 SCISEARCH  
THE GENUINE ARTICLE: FM776  
TITLE: MACROMOLECULAR CONJUGATES OF TRANSPORT INHIBITORS - NEW TOOLS FOR PROBING TOPOGRAPHY OF ANION TRANSPORT PROTEINS  
AUTHOR: EIDELMAN O; YANAI P; ENGLERT H C; LANG H G; GREGER R; CABANTCHIK Z I (Reprint)  
CORPORATE SOURCE: HEBREW UNIV JERUSALEM, INST LIFE SCI, DEPT BIOL CHEM, IL-91904 JERUSALEM, ISRAEL; UNIV FREIBURG, INST PHYSIOL, W-7800 FREIBURG, GERMANY; HOECHST AG, W-6230 FRANKFURT, GERMANY  
COUNTRY OF AUTHOR: ISRAEL; GERMANY  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1991) Vol. 260, No. 5, pp. C1094-C1103.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE

LANGUAGE: ENGLISH  
REFERENCE COUNT: 41  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 418 OF 519 MEDLINE  
ACCESSION NUMBER: 92113520 MEDLINE  
DOCUMENT NUMBER: 92113520 PubMed ID: 1662685  
TITLE: A [Na<sup>+</sup>]-o-independent, pHo-dependent mechanism for reduction of intracellular [Ca<sup>2+</sup>] after influx through Ca<sup>2+</sup> \*\*\*channels\*\*\* in mouse pituitary cells.  
AUTHOR: Korn S J; Horn R  
CORPORATE SOURCE: Neurosciences Department, Roche Institute of Molecular Biology, Nutley, New Jersey 07110.  
CONTRACT NUMBER: NS-08117 (NINDS)  
SOURCE: JOURNAL OF GENERAL PHYSIOLOGY, (1991 Nov) 98 (5) 893-907.  
Journal code: 2985110R. ISSN: 0022-1295.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199202  
ENTRY DATE: Entered STN: 19920308  
Last Updated on STN: 19980206  
Entered Medline: 19920214

L2 ANSWER 419 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:2390 CAPLUS  
DOCUMENT NUMBER: 116:2390  
TITLE: Role of \*\*\*chloride\*\*\* \*\*\*channels\*\*\* in the ATP-dependent generation of DELTA.pH by the isolated plasma membrane  
AUTHOR(S): Gaivoronskaya, L. M.; Molotkovskii, Yu. G.  
CORPORATE SOURCE: K. A. Timiryazev Inst. Plant Physiol., Moscow, USSR  
SOURCE: Fiziologiya Rastenii (Moscow) (1991), 38(5), 874-82  
CODEN: FZRS4V; ISSN: 0015-3303  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 420 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:37678 CAPLUS  
DOCUMENT NUMBER: 116:37678  
TITLE: Characterization of calcium \*\*\*channel\*\*\* -forming activity of Entamoeba histolytica in model biological membranes  
AUTHOR(S): Aucott, John N.; Scarpa, Antonio; Salata, Robert A.  
CORPORATE SOURCE: Dep. Med., Case West. Reserve Univ., Cleveland, OH, 44106, USA  
SOURCE: Laboratory Investigation (1991), 65(5), 518-24  
CODEN: LAINAW; ISSN: 0023-6837  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 421 OF 519 MEDLINE  
ACCESSION NUMBER: 92174453 MEDLINE  
DOCUMENT NUMBER: 92174453 PubMed ID: 1665403  
TITLE: The effects of endothelin on cytosolic calcium in cultured human and rat glomerular mesangial cells.  
AUTHOR: Simonsen M S; Osanai T; Dunn M J  
CORPORATE SOURCE: Department of Medicine, Case Western Reserve University, School of Medicine, Cleveland, Ohio.  
CONTRACT NUMBER: HL-22563 (NHLBI)  
SOURCE: CLINICAL AND INVESTIGATIVE MEDICINE. MEDECINE CLINIQUE ET EXPERIMENTALE, (1991 Dec) 14 (6) 499-507.  
Journal code: 7804071. ISSN: 0147-958X.  
PUB. COUNTRY: Canada  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199204  
ENTRY DATE: Entered STN: 19920424  
Last Updated on STN: 19970203  
Entered Medline: 19920409

L2 ANSWER 422 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1991:223750 CAPLUS  
DOCUMENT NUMBER: 114:223750  
TITLE: A protein-conducting \*\*\*channel\*\*\* in the endoplasmic reticulum  
AUTHOR(S): Simon, Sanford M.; Blobel, Guenter  
CORPORATE SOURCE: Howard Hughes Med. Inst., Rockefeller Univ., New York, NY, 10021-6399, USA  
SOURCE: Cell (Cambridge, MA, United States) (1991), 65(3), 371-80  
CODEN: CELLS5; ISSN: 0092-8674  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 423 OF 519 MEDLINE  
ACCESSION NUMBER: 91275884 MEDLINE  
DOCUMENT NUMBER: 91275884 PubMed ID: 2055245  
TITLE: Cholinergic neurons and muscarinic receptors regulate anion secretion in pig distal jejunum.  
AUTHOR: Chandan R; Hildebrand K R; Seybold V S; Soldani G; Brown D R  
CORPORATE SOURCE: University of Minnesota, Department of Veterinary Biology (Pharmacology Section), College of Veterinary Medicine, St. Paul, MN 55108.  
CONTRACT NUMBER: DK-37497 (NIDDK)  
NS-17702 (NINDS)  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1991 Feb 14) 193 (3) 265-73.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199107  
ENTRY DATE: Entered STN: 19910818  
Last Updated on STN: 19910818  
Entered Medline: 19910731

L2 ANSWER 424 OF 519 MEDLINE  
ACCESSION NUMBER: 92009108 MEDLINE  
DOCUMENT NUMBER: 92009108 PubMed ID: 1717342  
TITLE: Analysis of calcium activated \*\*\*chloride\*\*\* current fluctuations in Xenopus laevis oocytes.  
AUTHOR: Kristian T; Kolaj M; Peledna J  
CORPORATE SOURCE: Institute of Neurobiology, Slovak Academy of Sciences, Kosice.  
SOURCE: GENERAL PHYSIOLOGY AND BIOPHYSICS, (1991 Jun) 10 (3) 265-80.

Journal code: 8400604. ISSN: 0231-5882.  
PUB. COUNTRY: Czechoslovakia  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199111  
ENTRY DATE: Entered STN: 19920124  
Last Updated on STN: 19960129  
Entered Medline: 19911108

L2 ANSWER 425 OF 519 MEDLINE DUPLICATE 45  
ACCESSION NUMBER: 92101716 MEDLINE  
DOCUMENT NUMBER: 92101716 PubMed ID: 1759556  
TITLE: Osteoclasts in bone metabolism.  
AUTHOR: Hakeda Y; Kumegawa M  
CORPORATE SOURCE: Department of Oral Anatomy, Meikai University School of Dentistry, Saitama, Japan.  
SOURCE: KAIBOGAKU ZASSHI. JOURNAL OF ANATOMY, (1991 Aug) 66 (4) 215-25. Ref: 67  
Journal code: 0413526. ISSN: 0022-7722.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW) (REVIEW, TUTORIAL)  
LANGUAGE: Japanese  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199202  
ENTRY DATE: Entered STN: 19920223  
Last Updated on STN: 19920223  
Entered Medline: 19920204

L2 ANSWER 426 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1992:45935 BIOSIS  
DOCUMENT NUMBER: BA93:25910  
TITLE: POLARIZED DISTRIBUTION OF \*\*\*CHLORIDE\*\*\* \*\*\*CHANNELS\*\*\* IN EPITHELIAL CELLS.  
AUTHOR(S): PONCE A; CONTRERAS R G; CEREJUDO M  
CORPORATE SOURCE: CENTRO INVESTIGACION Y ESTUDIOS AVANZADOS, APARTADO POSTAL 14-740, MEXICO 07000 MEXICO.  
SOURCE: CELL PHYSIOL BIOCHEM, (1991) 1 (3), 160-169.  
CODEN: CEPBEW. ISSN: 1015-8987.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L2 ANSWER 427 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1992:17299 CAPLUS  
DOCUMENT NUMBER: 116:17299  
TITLE: Effect of sulphydryl compounds on ATP-stimulated hydrogen ion transport and \*\*\*chloride\*\*\* uptake in rabbit renal cortical endosomes  
AUTHOR(S): Hilden, Shirley A.; Madias, Nicolaos E.  
CORPORATE SOURCE: Sch. Med., Tufts Univ., Boston, MA, 02111, USA  
SOURCE: Journal of Membrane Biology (1991), 124(2), 139-49  
CODEN: JMBBBO; ISSN: 0022-2631  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 428 OF 519 MEDLINE  
ACCESSION NUMBER: 91195954 MEDLINE  
DOCUMENT NUMBER: 91195954 PubMed ID: 1707559  
TITLE: Cystic fibrosis. 4. Abnormalities of airway epithelial function and the implications of the discovery of the cystic fibrosis gene.  
AUTHOR: Cuthbert A W  
CORPORATE SOURCE: University Department of Pharmacology, Cambridge.  
SOURCE: THORAX, (1991 Feb) 46 (2) 124-30. Ref: 40  
Journal code: 0417353. ISSN: 0040-6376.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW) (REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199105  
ENTRY DATE: Entered STN: 19910602  
Last Updated on STN: 19960129  
Entered Medline: 19910516

L2 ANSWER 429 OF 519 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
ISIDUPLICATE 46  
ACCESSION NUMBER: 92:84363 SCISEARCH  
THE GENUINE ARTICLE: HB364  
TITLE: GEOLOGY AND GEOCHEMICAL ANALYSIS OF MINERALIZING FLUIDS AT THE ST-CLOUD AND UNITED-STATES TREASURY MINES, \*\*\*CHLORIDE\*\*\* MINING DISTRICT, NEW-MEXICO  
AUTHOR: NORMAN D I (Reprint); HARRISON R W; ANDRES C B  
CORPORATE SOURCE: NEW MEXICO INST MIN & TECHNOL, INST GEOSCI, SOCORRO, NM, 87801 (Reprint)  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF GEOCHEMICAL EXPLORATION, (DEC 1991) Vol. 42, No. 1, pp. 61-89.  
ISSN: 0375-6742.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: PHYS  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 41  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L2 ANSWER 430 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:547580 CAPLUS  
DOCUMENT NUMBER: 113:147580  
TITLE: Purification and characterization of a K<sup>+</sup>/Cl<sup>-</sup> \*\*\*channel\*\*\* protein  
INVENTOR(S): Cherksey, Bruce D.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S., 7 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE  
US 4895807 A 19900123 US 1986-948262 19861231  
PRIORITY APPLN. INFO.: US 1986-948262 19861231

L2 ANSWER 431 OF 519 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1990:628533 CAPLUS  
DOCUMENT NUMBER: 113:228533  
TITLE: The Gibbs-Donnan near-equilibrium system of heart  
AUTHOR(S): Masuda, Takashi; Dobson, Geoffrey P.; Veech, Richard L.  
CORPORATE SOURCE: Lab. Metab. Mol. Biol., Natl. Inst. Alcohol Abuse and Alcoholism, Rockville, MD, 20850, USA  
SOURCE: Journal of Biological Chemistry (1990), 265(33), 20231-34  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 432 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:521403 CAPLUS  
DOCUMENT NUMBER: 113:121403  
TITLE: pH-Induced permeation control of a polyion complexed Langmuir-Blodgett film with a \*\*\*channel\*\*\* -like pathway of poly(methacrylic acid) segment  
AUTHOR(S): Niwa, Masazo; Mukai, Akihito; Higashi, Nobuyuki  
CORPORATE SOURCE: Fac. Eng., Doshisha Univ., Kyoto, 602, Japan  
SOURCE: Langmuir (1990), 6(8), 1432-4  
CODEN: LANGDS; ISSN: 0743-7463  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 433 OF 519 MEDLINE DUPLICATE 47  
ACCESSION NUMBER: 91025013 MEDLINE  
DOCUMENT NUMBER: 91025013 PubMed ID: 1699531  
TITLE: Purification of a stilbene sensitive \*\*\*channel\*\*\* and reconstitution of \*\*\*chloride\*\*\* conductivity into phospholipid vesicles.  
AUTHOR: Blair H C; Schlesinger P H  
CORPORATE SOURCE: Department of Pathology, Jewish Hospital of St. Louis, Missouri.  
SOURCE: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, 1990 Sep 28; 171 (3) 920-5.  
Journal code: 0372516. ISSN: 0006-291X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199011  
ENTRY DATE: Entered STN: 19910117  
Last Updated on STN: 19960129  
Entered Medline: 19901116

L2 ANSWER 434 OF 519 MEDLINE DUPLICATE 48  
ACCESSION NUMBER: 90379287 MEDLINE  
DOCUMENT NUMBER: 90379287 PubMed ID: 2399967  
TITLE: Fluorescent stilbene (BADS) binding proteins in anion-\*\*\*transporting\*\*\* epithelia.  
AUTHOR: Pearce S F; Zadunaisky J A  
CORPORATE SOURCE: Department of Physiology and Biophysics, New York University School of Medicine, New York 10016.  
CONTRACT NUMBER: EY-01340 (NEI)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1990 Sep) 259 (3 Pt 1) C439-49.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199010  
ENTRY DATE: Entered STN: 19901122  
Last Updated on STN: 19970203  
Entered Medline: 19901018

L2 ANSWER 435 OF 519 MEDLINE  
ACCESSION NUMBER: 90271164 MEDLINE  
DOCUMENT NUMBER: 90271164 PubMed ID: 1693400  
TITLE: Sodium nitroprusside alters Ca<sup>2+</sup> flux components and Ca<sup>2+</sup>(+)-dependent fluxes of K<sup>+</sup> and Cl<sup>-</sup> in rat aorta.  
AUTHOR: Magliola L; Jones A W  
CORPORATE SOURCE: Department of Physiology, University of Missouri, Columbia 65212.  
CONTRACT NUMBER: R01-HL30519 (NHLBI)  
R01-HL15852 (NHLBI)  
T32-HL07094 (NHLBI)  
SOURCE: JOURNAL OF PHYSIOLOGY, (1990 Feb) 421 411-24.  
Journal code: 0266262. ISSN: 0022-3751.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199007  
ENTRY DATE: Entered STN: 19900810  
Last Updated on STN: 19960129  
Entered Medline: 19900712

L2 ANSWER 436 OF 519 MEDLINE  
ACCESSION NUMBER: 91002802 MEDLINE  
DOCUMENT NUMBER: 91002802 PubMed ID: 1698471  
TITLE: Model of ion transport regulation in \*\*\*chloride\*\*\*-secreting airway epithelial cells. Integrated description of electrical, chemical, and fluorescence measurements.  
AUTHOR: Hartmann T; Verkman A S  
CORPORATE SOURCE: Department of Medicine, University of California, San Francisco 94143.  
CONTRACT NUMBER: DK35124 (NIDDK)  
DK39354 (NIDDK)  
HL42368 (NHLBI)  
SOURCE: BIOPHYSICAL JOURNAL, (1990 Aug) 58 (2) 391-401.  
Journal code: 0370626. ISSN: 0006-3495.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199010  
ENTRY DATE: Entered STN: 19910117  
Last Updated on STN: 19960129  
Entered Medline: 19901031

L2 ANSWER 437 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:172195 CAPLUS  
DOCUMENT NUMBER: 112:172195  
TITLE: Modulation of GABA-stimulated \*\*\*chloride\*\*\* flux by a benzodiazepine agonist and an 'inverse agonist' after chronic flurazepam treatment  
AUTHOR(S): Ngur, Dan O.; Rosenberg, Howard C.; Chiu, Ted H.  
CORPORATE SOURCE: Dep/ Pharmacol., Med. Coll. Ohio, Toledo, OH, 43699-0008, USA  
SOURCE: European Journal of Pharmacology (1990), 176(3), 351-6

CODEN: EJPHAZ; ISSN: 0014-2999  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 438 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:627322 CAPLUS  
DOCUMENT NUMBER: 113:227322  
TITLE: Video fluorescence microscopy as a tool for the study of cellular heterogeneity in epithelia  
AUTHOR(S): Brion, Luc P.; Satlin, Lisa M.; Schwartz, George L.  
CORPORATE SOURCE: Albert Einstein Coll. Med., Bronx, NY, USA  
SOURCE: BioTechniques (1990), 8(3), 282-4, 286-9  
CODEN: BTNQDO; ISSN: 0736-6205  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 439 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1991:37872 CAPLUS  
DOCUMENT NUMBER: 114:37872  
TITLE: Pore-like and carrier-like properties of the mitochondrial aspartate/glutamate carrier after modification by sulphydryl-reagents: evidence for a preformed \*\*\*channel\*\*\* as a structural requirement of carrier-mediated transport  
AUTHOR(S): Dierks, Thomas; Salentin, Angelika; Kraemer, Reinhard  
CORPORATE SOURCE: Inst. Biotechnol., Forschungszent. Juelich, Juelich, D-5170, Germany  
SOURCE: Biochimica et Biophysica Acta (1990), 1028(3), 281-8  
CODEN: BBACAQ; ISSN: 0006-3002  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 440 OF 519 MEDLINE DUPLICATE 49  
ACCESSION NUMBER: 90383868 MEDLINE  
DOCUMENT NUMBER: 90383868 PubMed ID: 1983229  
TITLE: Roles of external and cellular Cl<sup>-</sup> ions on the activation of an apical electrodiffusional Cl<sup>-</sup> pathway in toad skin.  
AUTHOR: Procopio J; Lacaz-Vieira F  
CORPORATE SOURCE: Departamento de Fisiologia e Biofisica, Universidade de Sao Paulo, Brazil.  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1990 Jul) 117 (1) 57-67.  
Journal code: 0211301. ISSN: 0022-2631.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199010  
ENTRY DATE: Entered STN: 19901122  
Last Updated on STN: 19980206  
Entered Medline: 19901026

L2 ANSWER 441 OF 519 MEDLINE  
ACCESSION NUMBER: 90165474 MEDLINE  
DOCUMENT NUMBER: 90165474 PubMed ID: 2137685  
TITLE: The heavy metal ions Ag<sup>+</sup> and Hg<sup>2+</sup> trigger calcium release from cardiac sarcoplasmic reticulum.  
AUTHOR: Prabhu S D; Salama G  
CORPORATE SOURCE: University of Pittsburgh School of Medicine, Department of Medicine, Pennsylvania 15261.  
SOURCE: ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (1990 Feb 15) 277 (1) 47-55.  
Journal code: 0372430. ISSN: 0003-9861.  
Report No.: NASA-90165474.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals; Space Life Sciences  
ENTRY MONTH: 199003  
ENTRY DATE: Entered STN: 19900601  
Last Updated on STN: 19970203  
Entered Medline: 19900320

L2 ANSWER 442 OF 519 MEDLINE  
ACCESSION NUMBER: 91125338 MEDLINE  
DOCUMENT NUMBER: 91125338 PubMed ID: 2149164  
TITLE: Stabilization of rat cardiac sarcoplasmic reticulum Ca<sup>2+</sup> uptake activity and isolation of vesicles with improved calcium uptake activity.  
AUTHOR: Fehér J J; LeBolt W R  
CORPORATE SOURCE: Department of Physiology Medical College of Virginia, Richmond 23298.  
CONTRACT NUMBER: HL34681 (NHLBI)  
SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (1990 Dec 3) 99 (1) 41-52.  
Journal code: 0364456. ISSN: 0300-8177.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199103  
ENTRY DATE: Entered STN: 19910405  
Last Updated on STN: 19970203  
Entered Medline: 19910308

L2 ANSWER 443 OF 519 MEDLINE  
ACCESSION NUMBER: 90328283 MEDLINE  
DOCUMENT NUMBER: 90328283 PubMed ID: 2165359  
TITLE: Early effects of aldosterone on Na-K pump in rat cortical collecting tubules.  
AUTHOR: Fujii Y; Takemoto F; Katz A I  
CORPORATE SOURCE: Department of Medicine, University of Chicago Pritzker School of Medicine, Illinois 60637.  
CONTRACT NUMBER: DK-13601 (NIDDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1990 Jul) 259 (1 Pt 2) F40-5.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199008  
ENTRY DATE: Entered STN: 19901012  
Last Updated on STN: 19901012  
Entered Medline: 19900830

L2 ANSWER 444 OF 519 MEDLINE DUPLICATE 50  
ACCESSION NUMBER: 90176082 MEDLINE  
DOCUMENT NUMBER: 90176082 PubMed ID: 1689860  
TITLE: Ion \*\*\*channels\*\*\* in the thick ascending limb of Henle's loop.  
AUTHOR: Greger R; Bleich M; Schlatter E  
CORPORATE SOURCE: Physiologisches Institut, Albert-Ludwigs-Universitat, Freiburg, FRG.

SOURCE: RENAL PHYSIOLOGY AND BIOCHEMISTRY, (1990 Jan-Apr) 13 (1-2) 37-50. Ref: 40  
Journal code: 8906670. ISSN: 1011-6524.  
PUB. COUNTRY: Switzerland  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW) (REVIEW, TUTORIAL)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199004  
ENTRY DATE: Entered STN: 19900601  
Last Updated on STN: 19960129  
Entered Medline: 19900412

L2 ANSWER 445 OF 519 MEDLINE DUPLICATE 51  
ACCESSION NUMBER: 90275425 MEDLINE  
DOCUMENT NUMBER: 90275425 PubMed ID: 2350682  
TITLE: Specificity of amiloride inhibition of hamster taste responses.  
AUTHOR: Hettiger T P; Frank M E  
CORPORATE SOURCE: Department of BioStructure and Function, University of Connecticut Health Center, Farmington 06032.  
CONTRACT NUMBER: NS 16993 (NINDS)  
SOURCE: BRAIN RESEARCH, (1990 Apr 9) 513 (1) 24-34.  
Journal code: 0045503. ISSN: 0006-8993.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199007  
ENTRY DATE: Entered STN: 19900824  
Last Updated on STN: 19900824  
Entered Medline: 19900717

L2 ANSWER 446 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:17827 CAPLUS  
DOCUMENT NUMBER: 112:17827  
TITLE: On the regulation of the mitochondrial inner membrane anion \*\*\*channel\*\*\* by magnesium and protons  
AUTHOR(S): Beavis, Andrew D.; Powers, Mary F.  
CORPORATE SOURCE: Dep. Pharmacol., Med. Coll. Ohio, Toledo, OH, 43699, USA  
SOURCE: Journal of Biological Chemistry (1989), 264(29), 17148-55  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 447 OF 519 MEDLINE  
ACCESSION NUMBER: 89291859 MEDLINE  
DOCUMENT NUMBER: 89291859 PubMed ID: 2472389  
TITLE: A vacuolar-type proton pump in a vesicle fraction enriched with potassium \*\*\*transporting\*\*\* plasma membranes from tobacco hornworm midgut.  
AUTHOR: Wiczeorek H; Weerth S; Schindbeck M; Klein U  
CORPORATE SOURCE: Zoological Institute, University of Munich, Federal Republic of Germany  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1989 Jul 5) 264 (19) 11143-8.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198908  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 19960129  
Entered Medline: 19890802

L2 ANSWER 448 OF 519 MEDLINE  
ACCESSION NUMBER: 89174656 MEDLINE  
DOCUMENT NUMBER: 89174656 PubMed ID: 2522442  
TITLE: Regulation of steady state filling in sarcoplasmic reticulum. Roles of back-inhibition, leakage, and slippage of the calcium pump.  
AUTHOR: Inesi G; de Meis L  
CORPORATE SOURCE: Department of Biological Chemistry, School of Medicine, University of Maryland, Baltimore 21201.  
CONTRACT NUMBER: HL27867 (NHLBI)  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1989 Apr 5) 264 (10) 5929-36.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198905  
ENTRY DATE: Entered STN: 19900306  
Last Updated on STN: 19970203  
Entered Medline: 19890511

L2 ANSWER 449 OF 519 MEDLINE DUPLICATE 52  
ACCESSION NUMBER: 89285373 MEDLINE  
DOCUMENT NUMBER: 89285373 PubMed ID: 2472070  
TITLE: Forskolin activates gated Cl<sup>-</sup> \*\*\*channels\*\*\* in frog skin.  
AUTHOR: De Wolf I; Van Driessche W; Nagel W  
CORPORATE SOURCE: Laboratorium voor Fysiologie, Katholieke Universiteit Leuven, Belgium.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1989 Jun) 256 (6 Pt 1) C1239-49.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198907  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 19980206  
Entered Medline: 19890718

L2 ANSWER 450 OF 519 MEDLINE  
ACCESSION NUMBER: 90123026 MEDLINE  
DOCUMENT NUMBER: 90123026 PubMed ID: 2482083  
TITLE: Fluorescence measurement of \*\*\*chloride\*\*\* transport in monolayer cultured cells. Mechanisms of \*\*\*chloride\*\*\* transport in fibroblasts.  
AUTHOR: Chao A C; Dix J A; Sellers M C; Verkman A S  
CORPORATE SOURCE: Department of Medicine, University of California, San Francisco 94143.  
CONTRACT NUMBER: DK35124 (NIDDK)  
DK39354 (NIDDK)

HL42368 (NHLBI)

SOURCE: BIOPHYSICAL JOURNAL, (1989 Dec) 56 (6) 1071-81.  
Journal code: 0370626. ISSN: 0006-3495.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199003  
ENTRY DATE: Entered STN: 19900328  
Last Updated on STN: 19970203  
Entered Medline: 19900314

L2 ANSWER 451 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1989:629270 CAPLUS  
DOCUMENT NUMBER: 111:229270  
TITLE: \*\*\*Chloride\*\*\* - \*\*\*transporting\*\*\* systems in the plasmalemma of plant cells

AUTHOR(S): Yurin, V. M.; Plaks, A. V.; Sokolik, A. I.  
CORPORATE SOURCE: Inst. Exp. Bot., Minsk, USSR  
SOURCE: Fiziologiya Rastenii (Moscow) (1989), 36(5), 888-92  
CODEN: FZRSAY; ISSN: 0015-3303  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 452 OF 519 MEDLINE  
ACCESSION NUMBER: 90016698 MEDLINE  
DOCUMENT NUMBER: 90016698 PubMed ID: 2552395  
TITLE: Mechanism of active K<sup>+</sup> secretion by flounder urinary bladder.

AUTHOR: Dawson D C; Frizzell R A  
CORPORATE SOURCE: Mount Desert Island Biological Laboratory, Salsbury Cove, Maine 04672.  
CONTRACT NUMBER: DK 29786 (NIDDK)  
DK 31091 (NIDDK)  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (1989 Aug) 414 (4) 393-400.  
Journal code: 0154720. ISSN: 0031-6768.

PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198911  
ENTRY DATE: Entered STN: 19900328  
Last Updated on STN: 19970203  
Entered Medline: 19891108

L2 ANSWER 453 OF 519 MEDLINE  
ACCESSION NUMBER: 90028288 MEDLINE  
DOCUMENT NUMBER: 90028288 PubMed ID: 2478192  
TITLE: Cyclic AMP calcium and the growth of mastocytoma cells.  
AUTHOR: Liss T; Holland R; Ralph R K  
CORPORATE SOURCE: Department of Cellular and Molecular Biology, University of Auckland, New Zealand.  
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (1989 Oct 9) 1013 (3) 287-93.  
Journal code: 0217513. ISSN: 0006-3002.

PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198911  
ENTRY DATE: Entered STN: 19900328  
Last Updated on STN: 19970203  
Entered Medline: 19891129

L2 ANSWER 454 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 89270297 EMBASE  
DOCUMENT NUMBER: 1989270297  
TITLE: Single \*\*\*chloride\*\*\* \*\*\*channels\*\*\* in endosomal vesicle preparations from rat kidney cortex.

AUTHOR: Schmid A.; Burckhardt G.; Goebel H.  
CORPORATE SOURCE: Max-Planck-Institut für Biophysik, D-6000 Frankfurt/Main 70, Germany  
SOURCE: Journal of Membrane Biology, (1989) 111/3 (265-275).  
ISSN: 0022-2631 CODEN: JMBBBO  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
LANGUAGE: English

L2 ANSWER 455 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1989:242529 BIOSIS  
DOCUMENT NUMBER: BA87:123594  
TITLE: NCL-SG3 A HUMAN ECCRINE SWEAT GLAND CELL LINE THAT RETAINS THE CAPACITY FOR TRANSEPITHELIAL ION TRANSPORT.

AUTHOR(S): LEE C M; DESSI J  
CORPORATE SOURCE: DEP. CLINICAL BIOCHEM., UNIV. NEWCASTLE UPON TYNE, MED. SCH., FRAMLINGTON PLACE, NEWCASTLE UPON TYNE NE2 4HH, UK.  
SOURCE: J CELL SCI, (1989) 92 (2), 241-250.  
CODEN: JNC5A1. ISSN: 0021-9533.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L2 ANSWER 456 OF 519 MEDLINE DUPLICATE 53  
ACCESSION NUMBER: 89211597 MEDLINE  
DOCUMENT NUMBER: 89211597 PubMed ID: 2540052  
TITLE: Blastocoel expansion in the preimplantation mouse embryo: role of extracellular sodium and \*\*\*chloride\*\*\* and possible apical routes of their entry.

AUTHOR: Manejwala F M; Cragoe E J Jr; Schultz R M  
CORPORATE SOURCE: Department of Biology, University of Pennsylvania, Philadelphia 19104-6018.  
CONTRACT NUMBER: 5-T32-HD07067 (NICHD)  
HD 22681 (NICHD)  
SOURCE: DEVELOPMENTAL BIOLOGY, (1989 May) 133 (1) 210-20.  
Journal code: 0372762. ISSN: 0012-1606.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198906  
ENTRY DATE: Entered STN: 19900306  
Last Updated on STN: 19970203  
Entered Medline: 19890602

L2 ANSWER 457 OF 519 MEDLINE DUPLICATE 54  
ACCESSION NUMBER: 89276382 MEDLINE

DOCUMENT NUMBER: 89276382 PubMed ID: 2471645  
TITLE: Effect of hydrophobic sulphhydryl reagents on the uncoupling protein and inner-membrane anion \*\*\*channel\*\*\* of brown-adipose-tissue mitochondria.

AUTHOR: Rial E; Arechaga I; Sainz-de-la-Maza E; Nicholls D G  
CORPORATE SOURCE: Department of Biochemistry, Dundee University.  
SOURCE: EUROPEAN JOURNAL OF BIOCHEMISTRY, (1989 Jun 1) 182 (1) 187-93.  
Journal code: 0107600. ISSN: 0014-2956.

PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198907  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 19970203  
Entered Medline: 19890718

L2 ANSWER 458 OF 519 MEDLINE DUPLICATE 55  
ACCESSION NUMBER: 90004250 MEDLINE  
DOCUMENT NUMBER: 90004250 PubMed ID: 2571451  
TITLE: Diphenylamine-2-carboxylate stimulates sodium ion transport in frog skin epithelium.

AUTHOR: Durand J; Lehmann C  
CORPORATE SOURCE: Institute of Physiology, University of Fribourg, Switzerland.  
SOURCE: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. A: COMPARATIVE PHYSIOLOGY, (1989) 94 (1) 173-8.  
Journal code: 1276312. ISSN: 0300-9629.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198911  
ENTRY DATE: Entered STN: 19900328  
Last Updated on STN: 19950206  
Entered Medline: 19891103

L2 ANSWER 459 OF 519 MEDLINE  
ACCESSION NUMBER: 90156369 MEDLINE  
DOCUMENT NUMBER: 90156369 PubMed ID: 2560063  
TITLE: Ca<sup>2+</sup> pumping ATPase of cardiac sarcolemma is insensitive to membrane potential produced by K<sup>+</sup> and Cl<sup>-</sup> gradients but requires a source of counter-transportable H<sup>+</sup>.

AUTHOR: Dixon D A; Haynes D H  
CORPORATE SOURCE: Department of Pharmacology, University of Miami School of Medicine, Florida 33101.  
CONTRACT NUMBER: GM 23990 (NIGMS)  
HL 07188 (NHLBI)  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1989 Dec) 112 (2) 169-83.  
Journal code: 0211301. ISSN: 0022-2631.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199003  
ENTRY DATE: Entered STN: 19900601  
Last Updated on STN: 19970203  
Entered Medline: 19900322

L2 ANSWER 460 OF 519 MEDLINE DUPLICATE 56  
ACCESSION NUMBER: 89211108 MEDLINE  
DOCUMENT NUMBER: 89211108 PubMed ID: 2495974  
TITLE: Halothane inhibits hyperpolarization and potassium \*\*\*channels\*\*\* in human red blood cells.

AUTHOR: Scharff O; Foder B  
CORPORATE SOURCE: Department of Clinical Physiology and Nuclear Medicine, Rigshospitalet, Copenhagen, Denmark.  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1989 Jan 10) 159 (2) 165-73.  
Journal code: 1254354. ISSN: 0014-2999.

PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198906  
ENTRY DATE: Entered STN: 19900306  
Last Updated on STN: 19900306  
Entered Medline: 19890602

L2 ANSWER 461 OF 519 MEDLINE DUPLICATE 57  
ACCESSION NUMBER: 89382591 MEDLINE  
DOCUMENT NUMBER: 89382591 PubMed ID: 2476562  
TITLE: Leukotriene-D4 induced cell shrinkage in Ehrlich ascites tumor cells.

AUTHOR: Lambert I H  
CORPORATE SOURCE: Institute of Biological Chemistry, August Krogh Institute, University of Copenhagen, Denmark.  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1989 May) 108 (2) 165-76.  
Journal code: 0211301. ISSN: 0022-2631.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198910  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 20000303  
Entered Medline: 19891018

L2 ANSWER 462 OF 519 MEDLINE DUPLICATE 58  
ACCESSION NUMBER: 89382590 MEDLINE  
DOCUMENT NUMBER: 89382590 PubMed ID: 2476561  
TITLE: Isolation and reconstitution of furosemide-binding proteins from Ehrlich ascites tumor cells.

AUTHOR: Jessen F; Cherksey B D; Zeuthen T; Hoffmann E K  
CORPORATE SOURCE: Institute of Biological Chemistry A, August Krogh Institute, University of Copenhagen, Denmark.  
CONTRACT NUMBER: EY01340 (NEI)  
GMS 25002 (NIGMS)  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1989 May) 108 (2) 139-51.  
Journal code: 0211301. ISSN: 0022-2631.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198910  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 19970203  
Entered Medline: 19891018

L2 ANSWER 463 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1989:435201 CAPLUS

DOCUMENT NUMBER: 111:35201  
TITLE: The use of permeabilized cells to study the ion requirements of receptor-ligand dissociation in endosomes.

AUTHOR(S): Diaz, Ruben; Wileman, Thomas E.; Anderson, Steve J.; Stahl, Philip  
CORPORATE SOURCE: Sch. Med., Washington Univ., St. Louis, MO, 63110, USA  
SOURCE: Biochemical Journal (1989), 260(1), 127-34  
CODEN: BJAOAK; ISSN: 0306-3275  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 464 OF 519 MEDLINE DUPLICATE 59  
ACCESSION NUMBER: 89311405 MEDLINE  
DOCUMENT NUMBER: 89311405 PubMed ID: 2473210  
TITLE: Voltage-gated \*\*\*chloride\*\*\* currents in cultured canine tracheal epithelial cells.

AUTHOR: Schoppa N; Shorofsky S R; Jow F; Nelson D J  
CORPORATE SOURCE: Department of Neurology, University of Chicago, Illinois 60637.  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1989 Apr) 108 (1) 73-90.  
Journal code: 0211301. ISSN: 0022-2631.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198908  
ENTRY DATE: Entered STN: 19900309  
Last Updated on STN: 19960129  
Entered Medline: 19890814

L2 ANSWER 465 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
DUPLICATE 60  
ACCESSION NUMBER: 1989:227146 BIOSIS  
DOCUMENT NUMBER: BA87:118763  
TITLE: THE EFFECT OF DIPHENYLAMINE-2-CARBOXYLATE ON \*\*\*CHLORIDE\*\*\* \*\*\*CHANNEL\*\*\* CONDUCTANCE AND ON EXCITABILITY CHARACTERISTICS OF RAT SKELETAL MUSCLE.

AUTHOR(S): CONTE CAMERINO D; DE LUCA A; MAMBRINI M  
CORPORATE SOURCE: UNITA DI FARMACOL., DIP. FARMACOBIOLOG., TRAV. 200, RE DAVID, 470125 BARI, ITALY.  
SOURCE: J PHARM PHARMACOL, (1989) 41 (1), 42-45.  
CODEN: JPPMAB. ISSN: 0022-3573.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L2 ANSWER 466 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1990:436521 CAPLUS  
DOCUMENT NUMBER: 113:36521  
TITLE: Possible role of outwardly rectifying anion \*\*\*channels\*\*\* in epithelial transport

AUTHOR(S): Hanrahan, John W.; Tabcharani, Joseph A.  
CORPORATE SOURCE: Dep. Physiol., McGill Univ., Montreal, QC, H3G 1Y6, Can.  
SOURCE: Annals of the New York Academy of Sciences (1989), 574(Bicarbonate, Chloride, Proton Transp. Syst.), 30-43.  
CODEN: ANYAA9; ISSN: 0077-8923  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 467 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 89160051 EMBASE  
DOCUMENT NUMBER: 1989160051  
TITLE: Forskolin activates gated Cl<sup>-</sup> \*\*\*channels\*\*\* in frog skin.

AUTHOR: De Wolf I; Van Driessche W.; Nagel W.  
CORPORATE SOURCE: Laboratorium voor Fysiologie, Katholieke Universiteit, B-3000 Louvain, Belgium  
SOURCE: American Journal of Physiology - Cell Physiology, (1989) 256/6 (25/6) (C1239-C1249).  
ISSN: 0002-9513 CODEN: AJPCDD  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 002 Physiology  
029 Clinical Biochemistry  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 468 OF 519 MEDLINE  
ACCESSION NUMBER: 89134847 MEDLINE  
DOCUMENT NUMBER: 89134847 PubMed ID: 2465027  
TITLE: [K<sup>+</sup>,H<sup>+</sup> and Cl<sup>-</sup> fluxes across erythrocyte membrane irradiated with radio frequency electromagnetic fields]. Isledovanie potokov K<sup>+</sup>,H<sup>+</sup> i Cl<sup>-</sup> cherez membranu eritrotsitov, oblučennykh elektromagnitnym izlucheniem radiochastotnogo diapazona.

AUTHOR: Kim Iu A; Kim Iu V; Kasimbekov I K; Fomenko B S  
SOURCE: BIOFIZIKA, (1988 Sep-Oct) 33 (5) 837-40.  
Journal code: 0372666. ISSN: 0006-3029.

PUB. COUNTRY: USSR  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: Russian  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198904  
ENTRY DATE: Entered STN: 19900306  
Last Updated on STN: 19960129  
Entered Medline: 19890406

L2 ANSWER 469 OF 519 MEDLINE  
ACCESSION NUMBER: 89067471 MEDLINE  
DOCUMENT NUMBER: 89067471 PubMed ID: 2848888  
TITLE: Calcium transport in erythrocytes of rats with spontaneous hypertension.

AUTHOR: Orlov S N; Pokudin N I; Postnov Y V  
CORPORATE SOURCE: Central Research Laboratory, Ministry of Public Health of the USSR, Moscow.  
SOURCE: JOURNAL OF HYPERTENSION, (1988 Oct) 6 (10) 829-37.  
Journal code: 8306882. ISSN: 0263-6352.

PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198901  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19900308  
Entered Medline: 19890126

L2 ANSWER 470 OF 519 MEDLINE  
ACCESSION NUMBER: 89029738 MEDLINE  
DOCUMENT NUMBER: 89029738 PubMed ID: 2460287



TITLE: Sulfate transport in toad skin: evidence for mitochondria-rich cell pathways in common with halide ions.  
AUTHOR: Larsen E H; Simonsen K  
CORPORATE SOURCE: Zoophysiological Laboratory A, August Krogh Institute, University of Copenhagen, Denmark.  
SOURCE: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. A: COMPARATIVE PHYSIOLOGY, (1988) 90 (4) 709-14.  
Journal code: 1276312. ISSN: 0300-9629.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198812  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19960129  
Entered Medline: 19881222

L2 ANSWER 471 OF 519 MEDLINE DUPLICATE 61  
ACCESSION NUMBER: 89029735 MEDLINE  
DOCUMENT NUMBER: 89029735 PubMed ID: 2902978  
TITLE: Characterization of a purified co- \*\*\*transporting\*\*\* protein.  
AUTHOR: Zeuthen T; Andersen P M; Eskesen K E; Cherksey B D  
CORPORATE SOURCE: Department of General Physiology and Biophysics, Panum Institute, University of Copenhagen.  
CONTRACT NUMBER: EY 013340 (NEI)  
GMS 25002 (NIGMS)  
SOURCE: COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. A: COMPARATIVE PHYSIOLOGY, (1988) 90 (4) 687-91.  
Journal code: 1276312. ISSN: 0300-9629.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198812  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19970203  
Entered Medline: 19881222

L2 ANSWER 472 OF 519 MEDLINE DUPLICATE 62  
ACCESSION NUMBER: 88161493 MEDLINE  
DOCUMENT NUMBER: 88161493 PubMed ID: 2831744  
TITLE: Characterization of branchial transepithelial calcium fluxes in freshwater trout, *Salmo gairdneri*.  
AUTHOR: Perry S F; Filik G  
CORPORATE SOURCE: Department of Biology, University of Ottawa, Ontario, Canada.  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1988 Mar) 254 (3 Pt 2) R491-8.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198804  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19900308  
Entered Medline: 19880419

L2 ANSWER 473 OF 519 MEDLINE  
ACCESSION NUMBER: 88111680 MEDLINE  
DOCUMENT NUMBER: 88111680 PubMed ID: 2448140  
TITLE: Rate of calcium release and ATP synthesis in sarcoplasmic reticulum vesicles.  
AUTHOR: Sande-Lemos M P; De Meis L  
CORPORATE SOURCE: Instituto de Ciencias Biomedicas, Universidade Federal do Rio de Janeiro, Brazil.  
SOURCE: EUROPEAN JOURNAL OF BIOCHEMISTRY, (1988 Jan 15) 171 (1-2) 273-8.  
Journal code: 0107600. ISSN: 0014-2956.  
PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198803  
ENTRY DATE: Entered STN: 19900305  
Last Updated on STN: 19970203  
Entered Medline: 19880310

L2 ANSWER 474 OF 519 MEDLINE  
ACCESSION NUMBER: 88210040 MEDLINE  
DOCUMENT NUMBER: 88210040 PubMed ID: 2452676  
TITLE: Hypersensitivity to calcium associated with an increased sarcolemmal Ca<sup>2+</sup>-ATPase activity in diabetic rat heart.  
AUTHOR: Borda E; Pascual J; Wald M; Sterin-Borda L  
SOURCE: CANADIAN JOURNAL OF CARDIOLOGY, (1988 Mar) 4 (2) 97-101.  
Journal code: 8510280. ISSN: 0828-282X.  
PUB. COUNTRY: Canada  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198806  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19900308  
Entered Medline: 19880613

L2 ANSWER 475 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 88099106 EMBASE  
DOCUMENT NUMBER: 1988099106  
TITLE: Characterization of branchial transepithelial calcium fluxes in freshwater trout, *Salmo gairdneri*.  
AUTHOR: Perry S F; Filik G  
CORPORATE SOURCE: Department of Biology, University of Ottawa, Ottawa, Ont. K1N 6N5, Canada  
SOURCE: American Journal of Physiology - Regulatory Integrative and Comparative Physiology, (1988) 254/3 (23/3) (R491-R498).  
ISSN: 0002-9513 CODEN: AJPRDO  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 002 Physiology  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L2 ANSWER 476 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1988:96822 BIOSIS  
DOCUMENT NUMBER: BA85:53594  
TITLE: ION TRANSPORT IN EPITHELIAL CELLS OF KIDNEY TUBULES.  
AUTHOR(S): ORLOV S N; POKUDIN N I

CORPORATE SOURCE: CENT. RES. LAB., MINIST. HEALTH USSR, MOSCOW, USSR.  
SOURCE: BIOL. MEMBR., (1987) 4 (8), 789-809.  
CODEN: BIMBEE. ISSN: 0233-4755.  
FILE SEGMENT: BA: OLD  
LANGUAGE: Russian

L2 ANSWER 477 OF 519 MEDLINE  
ACCESSION NUMBER: 87212050 MEDLINE  
DOCUMENT NUMBER: 87212050 PubMed ID: 2437861  
TITLE: Selective production of sealed plasma membrane vesicles from red beet (*Beta vulgaris* L.) storage tissue.  
AUTHOR: Giannini J L; Gildensoph L H; Briskin D P  
SOURCE: ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (1987 May 1) 254 (2) 621-30.  
Journal code: 0372430. ISSN: 0003-9861.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198706  
ENTRY DATE: Entered STN: 19900303  
Last Updated on STN: 19970203  
Entered Medline: 19870609

L2 ANSWER 478 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1988:34999 CAPLUS  
DOCUMENT NUMBER: 108:34999  
TITLE: Microelectrode measurements on red beet vacuole. Biological effect of sodium or nitrate ions, diffusing from the microelectrode  
AUTHOR(S): Lassalles, Jean Paul; Alexandre, Joel; Thellier, Michel  
CORPORATE SOURCE: Lab. "Echanges Cellulaires", Fac. Sci., Mont-Saint-Aignan, F76130, Fr.  
SOURCE: Plant Physiology (1987), 85(3), 608-10  
CODEN: PLPHAY; ISSN: 0032-0889  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 479 OF 519 MEDLINE  
ACCESSION NUMBER: 88021266 MEDLINE  
DOCUMENT NUMBER: 88021266 PubMed ID: 2821821  
TITLE: Diamide stimulates calcium-sodium exchange in dog red blood cells.  
AUTHOR: Parker J C  
CORPORATE SOURCE: Department of Medicine, University of North Carolina, Chapel Hill 27514.  
CONTRACT NUMBER: AM-11356 (NIADDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1987 Oct) 253 (4 Pt 1) C580-7.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198711  
ENTRY DATE: Entered STN: 19900305  
Last Updated on STN: 19970203  
Entered Medline: 19871118

L2 ANSWER 480 OF 519 MEDLINE DUPLICATE 63  
ACCESSION NUMBER: 87158449 MEDLINE  
DOCUMENT NUMBER: 87158449 PubMed ID: 3828657  
TITLE: The effect of angiotensin II upon electrogenic ion transport in rat intestinal epithelia.  
AUTHOR: Cox H M; Cuthbert A W; Munday K A  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (1987 Feb) 90 (2) 393-401.  
Journal code: 7502536. ISSN: 0007-1188.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198705  
ENTRY DATE: Entered STN: 19900303  
Last Updated on STN: 19900303  
Entered Medline: 19870513

L2 ANSWER 481 OF 519 MEDLINE  
ACCESSION NUMBER: 88010698 MEDLINE  
DOCUMENT NUMBER: 88010698 PubMed ID: 3656149  
TITLE: Significance of active ion transport in transalveolar water absorption: a study on isolated rat lung.  
AUTHOR: Basset G; Crone C; Saumon G  
CORPORATE SOURCE: Departement de Physiologie, Universite Paris, France.  
SOURCE: JOURNAL OF PHYSIOLOGY, (1987 Mar) 384 311-24.  
Journal code: 0266262. ISSN: 0022-3751.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198711  
ENTRY DATE: Entered STN: 19900305  
Last Updated on STN: 19900305  
Entered Medline: 19871116

L2 ANSWER 482 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1987:191305 CAPLUS  
DOCUMENT NUMBER: 106:191305  
TITLE: A membrane protein with a potassium and a \*\*\*chloride\*\*\* \*\*\*channel\*\*\*  
AUTHOR(S): Cherksey, B. D.; Zeuthen, T.  
CORPORATE SOURCE: Dep. Physiol. Biophys., New York Univ., NY, USA  
SOURCE: Acta Physiologica Scandinavica (1987), 129(1), 137-8  
CODEN: APSCAX; ISSN: 0001-6772  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 483 OF 519 MEDLINE DUPLICATE 64  
ACCESSION NUMBER: 87268024 MEDLINE  
DOCUMENT NUMBER: 87268024 PubMed ID: 3605330  
TITLE: Diphenylamine-2-carboxylate blocks Cl(-)-HCO3- exchange in *Necturus gallbladder epithelium*.  
AUTHOR: Reuss L; Costantin J L; Bazile J E  
CONTRACT NUMBER: DK-38734 (NIDDK)  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1987 Jul) 253 (1 Pt 1) C79-89.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals

ENTRY MONTH: 198708  
ENTRY DATE: Entered STN: 19900305  
Last Updated on STN: 19970203  
Entered Medline: 19870819

L2 ANSWER 484 OF 519 MEDLINE  
ACCESSION NUMBER: 88118857 MEDLINE  
DOCUMENT NUMBER: 88118857 PubMed ID: 3123696  
TITLE: Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup> cotransport in cultured vascular smooth muscle cells: stimulation by angiotensin II and calcium ionophores, inhibition by cyclic AMP and calmodulin antagonists.  
AUTHOR: Smith J B; Smith L  
CORPORATE SOURCE: Department of Pharmacology, University of Alabama, Birmingham 35294.  
CONTRACT NUMBER: HL01671 (NHLBI)  
HL32508 (NHLBI)  
SOURCE: JOURNAL OF MEMBRANE BIOLOGY, (1987) 99 (1) 51-63.  
Journal code: 00211301. ISSN: 0022-2631.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198802  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19970203  
Entered Medline: 19880226

L2 ANSWER 485 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 87168277 EMBASE  
DOCUMENT NUMBER: 1987168277  
TITLE: Diphenylamine-2-carboxylate blocks Cl-HCO<sub>3</sub>- exchange in *Necturus gallbladder epithelium*.  
AUTHOR: Reuss L; Costantin J L; Bazile J E  
CORPORATE SOURCE: Department of Physiology and Biophysics, University of Texas Medical Branch, Galveston, TX 77550, United States  
SOURCE: American Journal of Physiology - Cell Physiology, (1987) 253/1 (22/1) (C79-C89).  
CODEN: AJPCDD  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
002 Physiology  
LANGUAGE: English

L2 ANSWER 486 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1987:63196 CAPLUS  
DOCUMENT NUMBER: 106:63196  
TITLE: Solubilization and reconstitution of a \*\*\*chloride\*\*\* transporter from tracheal apical membrane  
AUTHOR(S): Dubinsky, William P.; Monti, Lauren B.  
CORPORATE SOURCE: Health Sci. Cent., Univ. Texas, Houston, TX, 77225, USA  
SOURCE: American Journal of Physiology (1986), 251(5, Pt. 1), C713-C720  
CODEN: AJPHAP; ISSN: 0002-9513  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 487 OF 519 MEDLINE  
ACCESSION NUMBER: 87046337 MEDLINE  
DOCUMENT NUMBER: 87046337 PubMed ID: 2430463  
TITLE: Na-H exchange is a major pathway for Na influx in rat vascular smooth muscle.  
AUTHOR: Little P J; Cragoe E J Jr; Bobik A  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1986 Nov) 251 (5 Pt 1) C707-12.  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198612  
ENTRY DATE: Entered STN: 19900302  
Last Updated on STN: 19900302  
Entered Medline: 19861212

L2 ANSWER 488 OF 519 MEDLINE  
ACCESSION NUMBER: 86237582 MEDLINE  
DOCUMENT NUMBER: 86237582 PubMed ID: 2424184  
TITLE: [New knowledge in the biochemistry and function of ion \*\*\*channels\*\*\*].  
Über neuere Erkenntnisse zur Biochemie und zur Funktion von Ionenkanälen.  
AUTHOR: Kolb E  
SOURCE: ZEITSCHRIFT FÜR DIE GESAMTE INNERE MEDIZIN UND IHRE GRENZGEBIETE, (1986 Apr 1) 41 (7) 189-95.  
Journal code: 21730470R. ISSN: 0044-2542.  
PUB. COUNTRY: GERMANY, EAST: German Democratic Republic  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: German  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198607  
ENTRY DATE: Entered STN: 19900321  
Last Updated on STN: 19900321  
Entered Medline: 19860707

L2 ANSWER 489 OF 519 MEDLINE  
ACCESSION NUMBER: 89010223 MEDLINE  
DOCUMENT NUMBER: 89010223 PubMed ID: 3509727  
TITLE: Effect of calcium antagonist compound nisoldipine on transepithelial electrical parameters in the isolated frog cornea.  
AUTHOR: Wiederholt M; Zadunaisky J A  
CORPORATE SOURCE: Institut für Klinische Physiologie, Freie Universität Berlin, FRG.  
CONTRACT NUMBER: EY 01340 (NEI)  
SOURCE: JOURNAL OF OCULAR PHARMACOLOGY, (1986 Spring) 2 (2) 159-64.  
Journal code: 8511297. ISSN: 8756-3320.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198811  
ENTRY DATE: Entered STN: 19900308  
Last Updated on STN: 19970203  
Entered Medline: 19881122

L2 ANSWER 490 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 87008312 EMBASE  
DOCUMENT NUMBER: 1987008312  
TITLE: Relationships between calcium and \*\*\*chloride\*\*\*

transport in frog skin glands.  
AUTHOR: Ziyadeh F.N.; Kelepouris E.; Agus Z.S.  
CORPORATE SOURCE: Renal Electrolyte Section, Department of Medicine,  
University of Pennsylvania School of Medicine,  
Philadelphia, PA 19104, United States  
SOURCE: American Journal of Physiology - Renal Fluid and  
Electrolyte Physiology, (1986) 251/4 (20/4) (F647-F654).  
CODEN: AJPFDM  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
002 Physiology  
LANGUAGE: English

L2 ANSWER 491 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 86238828 EMBASE  
DOCUMENT NUMBER: 1986238828  
TITLE: Cellular organization of urinary acidification.  
AUTHOR: Steinmetz P.R.  
CORPORATE SOURCE: Laboratory of Epithelial Transport and Kidney Physiology,  
University of Connecticut School of Medicine, Farmington,  
CT 06032, United States  
SOURCE: American Journal of Physiology - Renal Fluid and  
Electrolyte Physiology, (1986) 251/2 (20/2) (F173-F187).  
CODEN: AJPFDM  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 002 Physiology  
028 Urology and Nephrology  
LANGUAGE: English

L2 ANSWER 492 OF 519 MEDLINE  
ACCESSION NUMBER: 85207772 MEDLINE  
DOCUMENT NUMBER: 85207772 PubMed ID: 2581966  
TITLE: Doxorubicin induces calcium release from terminal cisternae  
of skeletal muscle. A study on isolated sarcoplasmic  
reticulum and chemically skinned fibers.  
AUTHOR: Zoratto F; Salviati G; Facchinetti T; Volpe P  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1985 Jun 25) 260 (12)  
7349-55.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198507  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19970203  
Entered Medline: 19850725

L2 ANSWER 493 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1986:30542 CAPLUS  
DOCUMENT NUMBER: 104:30542  
TITLE: Identification and reconstitution of a  
sodium/potassium/ \*\*\*chloride\*\*\* cotransporter and  
potassium \*\*\*channel\*\*\* from luminal membranes of  
renal red outer medulla  
AUTHOR(S): Burnham, C.; Karlish, S. J. D.; Joergensen, P. L.  
CORPORATE SOURCE: Biochem. Dep., Weizmann Inst. Sci., Rehovot, 76100,  
Israel  
SOURCE: Biochimica et Biophysica Acta (1985), 821(3), 461-9  
CODEN: BBACAQ; ISSN: 0006-3002  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 494 OF 519 MEDLINE  
ACCESSION NUMBER: 85279411 MEDLINE  
DOCUMENT NUMBER: 85279411 PubMed ID: 2411261  
TITLE: A smooth muscle cell line suitable for the study of voltage  
sensitive calcium \*\*\*channels\*\*\*  
AUTHOR: Ruegg U T; Doyle V M; Zuber J F; Hof R P  
SOURCE: BIOCHEMICAL AND BIOPHYSICAL RESEARCH  
COMMUNICATIONS, (1985  
Jul 16) 130 (1) 447-53.  
Journal code: 0372516. ISSN: 0006-291X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198509  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19900320  
Entered Medline: 19850903

L2 ANSWER 495 OF 519 MEDLINE  
ACCESSION NUMBER: 85256372 MEDLINE  
DOCUMENT NUMBER: 85256372 PubMed ID: 2990818  
TITLE: Roles of cyclic AMP and Ca in epithelial ion transport  
across corneal epithelium: a review.  
AUTHOR: Reinach P S  
CONTRACT NUMBER: EY-04795 (NEJ)  
SOURCE: CURRENT EYE RESEARCH, (1985 Apr) 4 (4) 385-91.  
Journal code: 8104312. ISSN: 0271-3683.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198509  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19970203  
Entered Medline: 19850919

L2 ANSWER 496 OF 519 MEDLINE  
ACCESSION NUMBER: 86128743 MEDLINE  
DOCUMENT NUMBER: 86128743 PubMed ID: 2418726  
TITLE: Na-K-Cl cotransport in \*\*\*chloride\*\*\* -  
\*\*\*transporting\*\*\* epithelia.  
AUTHOR: Epstein F H; Silva P  
CONTRACT NUMBER: AM18078 (NIADDK)  
SOURCE: ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1985)  
456  
187-97. Ref: 29  
Journal code: 7506858. ISSN: 0077-8923.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198603  
ENTRY DATE: Entered STN: 19900321  
Last Updated on STN: 19970203  
Entered Medline: 19860312

L2 ANSWER 497 OF 519 MEDLINE DUPLICATE 65

ACCESSION NUMBER: 86120259 MEDLINE  
DOCUMENT NUMBER: 86120259 PubMed ID: 2418410  
TITLE: Diphenylamine-2-carboxylate, a blocker of the  
Cl(-)-conductive pathway in Cl(-) \*\*\*transporting\*\*\*  
epithelia.  
AUTHOR: Di Stefano A; Wittner M; Schlatter E; Lang H J; Englert H;  
Greger R  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY,  
(1985) 405  
Suppl 1 S95-100.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198602  
ENTRY DATE: Entered STN: 19900321  
Last Updated on STN: 19970203  
Entered Medline: 19860224

L2 ANSWER 498 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1985:449879 CAPLUS  
DOCUMENT NUMBER: 103:449879  
TITLE: The measurement of cardiac membrane \*\*\*channels\*\*\*  
following their incorporation into phospholipid  
bilayers  
AUTHOR(S): Williams, A. J.  
CORPORATE SOURCE: Cardiothorac. Inst., Univ. London, London, W1N 2DX, UK  
SOURCE: Advances in Myocardiology (1985), 5, 77-84  
CODEN: ADMYDM; ISSN: 0270-4056  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 499 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1984:567658 CAPLUS  
DOCUMENT NUMBER: 101:167658  
TITLE: Separate fractions of mRNA from Torpedo electric organ  
induce \*\*\*chloride\*\*\* \*\*\*channels\*\*\* and  
acetylcholine receptors in Xenopus oocytes  
AUTHOR(S): Sumikawa, K.; Parker, I.; Amano, T.; Miledi, R.  
CORPORATE SOURCE: Mitsubishi-Kasei Inst. Life Sci., Machida, Japan  
SOURCE: EMBO Journal (1984), 3(10), 2291-4  
CODEN: EMJODG; ISSN: 0261-4189  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 500 OF 519 MEDLINE  
ACCESSION NUMBER: 84236428 MEDLINE  
DOCUMENT NUMBER: 84236428 PubMed ID: 6234179  
TITLE: Effects of verapamil, diltiazem, nisoldipine and flodipine  
on sarcoplasmic reticulum.  
AUTHOR: Wang T; Tsai L I; Schwartz A  
CONTRACT NUMBER: P01 HL 22619-05 (NHLBI)  
SOURCE: EUROPEAN JOURNAL OF PHARMACOLOGY, (1984 May) 4) 100  
(3-4)  
253-61.  
Journal code: 1254354. ISSN: 0014-2999.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198408  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19970203  
Entered Medline: 19840817

L2 ANSWER 501 OF 519 MEDLINE  
ACCESSION NUMBER: 84233973 MEDLINE  
DOCUMENT NUMBER: 84233973 PubMed ID: 6329519  
TITLE: The role of Ca2+ stores in secretion.  
AUTHOR: Case R M  
SOURCE: CELL CALCIUM, (1984 Apr) 5 (2) 89-110. Ref: 72  
Journal code: 8006226. ISSN: 0143-4160.  
PUB. COUNTRY: SCOTLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198408  
ENTRY DATE: Entered STN: 19900320  
Last Updated on STN: 19900320  
Entered Medline: 19840802

L2 ANSWER 502 OF 519 MEDLINE  
ACCESSION NUMBER: 84113478 MEDLINE  
DOCUMENT NUMBER: 84113478 PubMed ID: 6319545  
TITLE: Na+-H+ exchange and Na+ entry across the apical membrane of  
Necturus gallbladder.  
AUTHOR: Weinman S A; Reuss L  
CONTRACT NUMBER: AM-19580 (NIADDK)  
GM 07200 (NIGMS)  
SOURCE: JOURNAL OF GENERAL PHYSIOLOGY, (1984 Jan) 83 (1) 57-74.  
Journal code: 2985110R. ISSN: 0022-1295.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198403  
ENTRY DATE: Entered STN: 19900319  
Last Updated on STN: 19970203  
Entered Medline: 19840321

L2 ANSWER 503 OF 519 MEDLINE DUPLICATE 66  
ACCESSION NUMBER: 84081093 MEDLINE  
DOCUMENT NUMBER: 84081093 PubMed ID: 6317120  
TITLE: Conversion of sodium \*\*\*channels\*\*\* to a form sensitive  
to cyclic AMP by component(s) from red cells.  
AUTHOR: Cuthbert A W; Spayne J A  
SOURCE: BRITISH JOURNAL OF PHARMACOLOGY, (1983 Jul) 79 (3)  
783-97.  
Journal code: 7502536. ISSN: 0007-1188.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198402  
ENTRY DATE: Entered STN: 19900319  
Last Updated on STN: 19900319  
Entered Medline: 19840224

L2 ANSWER 504 OF 519 MEDLINE  
ACCESSION NUMBER: 83194127 MEDLINE  
DOCUMENT NUMBER: 83194127 PubMed ID: 6302636  
TITLE: A simple method for the simultaneous measurement of sodium

and \*\*\*chloride\*\*\* fluxes across \*\*\*transporting\*\*\*  
epithelia.  
AUTHOR: Thompson I G  
CONTRACT NUMBER: AM-27064 (NIADDK)  
SOURCE: PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY,  
(1983 Mar  
1) 396 (3) 263-4.  
Journal code: 0154720. ISSN: 0031-6768.  
PUB. COUNTRY: GERMANY, WEST: Germany, Federal Republic of  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198306  
ENTRY DATE: Entered STN: 19900318  
Last Updated on STN: 19970203  
Entered Medline: 19830610

L2 ANSWER 505 OF 519 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS  
INC.  
DUPLICATE 67  
ACCESSION NUMBER: 1983:304698 BIOSIS  
DOCUMENT NUMBER: BA76:62190  
TITLE: CONCENTRATION DEPENDENCE OF BI DIRECTIONAL FLUX  
RATIO AS A  
CHARACTERISTIC OF TRANS MEMBRANE ION  
\*\*\*TRANSPORTING\*\*\*  
MECHANISM.  
AUTHOR(S): SCHAGINA L V; GRINFELDT A E; LEV A A  
CORPORATE SOURCE: LAB. PHYSICAL CHEM. CELL MEMBRANES, INST.  
CYTOL., ACADEMY  
SCI. USSR, LENINGRAD.  
SOURCE: J MEMBR BIOL., (1983) 73 (3), 203-216.  
CODEN: JMBBBO. ISSN: 0022-2631.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L2 ANSWER 506 OF 519 MEDLINE  
ACCESSION NUMBER: 83280349 MEDLINE  
DOCUMENT NUMBER: 83280349 PubMed ID: 6309016  
TITLE: Ca2+ in the control of active intestinal Na and Cl  
transport: involvement in neurohumoral action.  
AUTHOR: Donowitz M  
CONTRACT NUMBER: IK04-00588 (NIADDK)  
R01-AM 26523  
SOURCE: AMERICAN JOURNAL OF PHYSIOLOGY, (1983 Aug) 245 (2)  
G165-77.  
Ref: 139  
Journal code: 0370511. ISSN: 0002-9513.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198309  
ENTRY DATE: Entered STN: 19900319  
Last Updated on STN: 19970203  
Entered Medline: 19830920

L2 ANSWER 507 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1983:69585 CAPLUS  
DOCUMENT NUMBER: 98:69585  
TITLE: \*\*\*Chloride\*\*\* net efflux from intact erythrocytes  
under slippage conditions. Evidence for a positive  
charge on the anion binding/transport site  
AUTHOR(S): Froelich, O.; Leibson, C.; Gunn, R. B.  
CORPORATE SOURCE: Dep. Pharmacol. Physiol. Sci., Univ. Chicago, Chicago,  
IL, 60637, USA  
SOURCE: Journal of General Physiology (1983), 81(1), 127-52  
CODEN: JGPLAD; ISSN: 0022-1295  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 508 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1983-793582 [42] WPIDS  
DOC. NO. NON-CPI: N1983-186258  
DOC. NO. CPI: C1983-101710  
TITLE: Magnesium \*\*\*chloride\*\*\* melt drainage and  
transportation - has displacing batcher and sectional  
chute.  
DERWENT CLASS: E33 M28 Q77  
INVENTOR(S): MEDVEDCHIK, E P; NIKONOV, A N; PROKOPIEV, V V  
PATENT ASSIGNEE(S): (RARE) RARE METAL IND RES; (USTK-R) UST  
KAMENOGORSK TIT  
COUNTRY COUNT: 1  
PATENT INFORMATION:  
PATENT NO KIND DATE WEEK LA PG  
SU 981416 A 19821217 (198342)\* 3

PRIORITY APPLN. INFO: SU 1981-3286853 19810507

L2 ANSWER 509 OF 519 MEDLINE  
ACCESSION NUMBER: 82229908 MEDLINE  
DOCUMENT NUMBER: 82229908 PubMed ID: 6284050  
TITLE: Relationship between H+, anion, and monovalent cation  
movements and Ca2+ transport in sarcoplasmic reticulum:  
further proof of a cation exchange mechanism for the  
Ca2+-Mg2+-ATPase pump.  
AUTHOR: Haynes D H  
CONTRACT NUMBER: GM 23990 (NIGMS)  
HL 23392 (NHLBI)  
SOURCE: ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (1982 May)  
215 (2)  
444-61.  
Journal code: 0372430. ISSN: 0003-9861.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198208  
ENTRY DATE: Entered STN: 19900317  
Last Updated on STN: 19970203  
Entered Medline: 19820826

L2 ANSWER 510 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 82235360 EMBASE  
DOCUMENT NUMBER: 1982235360  
TITLE: Functional importance of sodium and potassium in the guinea  
pig cochlea studied with amiloride and tetraethylammonium.  
AUTHOR: Salt A.N.; Konishi T.  
CORPORATE SOURCE: Lab. Environ. Biophys., Nat. Inst. Environ. Health Sci.,



Research Triangle Park, NC 27709, United States  
SOURCE: Japanese Journal of Physiology, (1982) 32/2 (219-230).  
CODEN: JJPHAM  
COUNTRY: Japan  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 011 Otorhinolaryngology  
037 Drug Literature Index  
030 Pharmacology  
LANGUAGE: English

L2 ANSWER 511 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1981-07913D [06] WPIDS  
TITLE: Heat exchanger for utilising underground energy -  
consists of metal or PVC Pipes inserted through hollow  
boring bars.  
DERWENT CLASS: A93 J08 Q74 Q78  
PATENT ASSIGNEE(S): (HAMP-I) HAMPE A  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
DE 2928414	A	19810129	(198106)*		

PRIORITY APPLN. INFO: DE 1979-2928414 19790712

L2 ANSWER 512 OF 519 MEDLINE  
ACCESSION NUMBER: 81273972 MEDLINE  
DOCUMENT NUMBER: 81273972 PubMed ID: 6267655  
TITLE: Control of ciliary activity in Paramecium: an analysis of  
chemosensory transduction in a eukaryotic unicellular  
organism.  
AUTHOR: Doughty M J; Dryl S  
SOURCE: PROGRESS IN NEUROBIOLOGY, (1981) 16 (1) 1-115. Ref: 680  
Journal code: 0370121. ISSN: 0301-0082.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198110  
ENTRY DATE: Entered STN: 19900316  
Last Updated on STN: 19970203  
Entered Medline: 19811025

L2 ANSWER 513 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1980-17007C [10] WPIDS  
TITLE: Laminated horticultural capillary substrate - comprising  
water-impermeable sheet and textile fabric.  
DERWENT CLASS: A97 F07 P13 P73  
INVENTOR(S): SANDERS, A J  
PATENT ASSIGNEE(S): (ICIL) IMPERIAL CHEM IND LTD  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
GB 1562182	A	19800305	(198010)*		

PRIORITY APPLN. INFO: GB 1975-28478 19750707

L2 ANSWER 514 OF 519 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 80251836 EMBASE  
DOCUMENT NUMBER: 1980251836  
TITLE: Calcium transport systems in nerve terminals. Studies on  
membrane vesicles.  
AUTHOR: Rahamimoff H.; Abramovitz E.; Papazian D.; et al.  
CORPORATE SOURCE: Dept. Biochem., Hebrew Univ. Med. Sch., Jerusalem, Israel  
SOURCE: Journal de Physiologie, (1980) 76/5 (487-495).  
CODEN: JOPHAN  
COUNTRY: France  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 002 Physiology  
037 Drug Literature Index  
LANGUAGE: English

L2 ANSWER 515 OF 519 MEDLINE DUPLICATE 68  
ACCESSION NUMBER: 81256898 MEDLINE  
DOCUMENT NUMBER: 81256898 PubMed ID: 233579  
TITLE: Electrolyte transport across a simple epithelium.  
Steady-state and transient analysis.  
AUTHOR: Weinstein A M; Stephenson J L  
SOURCE: BIOPHYSICAL JOURNAL, (1979 Aug) 27 (2) 165-86.  
Journal code: 0370626. ISSN: 0006-3495.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 198110  
ENTRY DATE: Entered STN: 19900316  
Last Updated on STN: 19970203  
Entered Medline: 19811025

L2 ANSWER 516 OF 519 MEDLINE  
ACCESSION NUMBER: 79027187 MEDLINE  
DOCUMENT NUMBER: 79027187 PubMed ID: 151681  
TITLE: Tentoxin-induced energy-independent adenine nucleotide  
exchange and ATPase activity with chloroplast coupling  
factor I.  
AUTHOR: Reimer S; Selman B R  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1978 Oct 25) 253 (20)  
7249-55.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 197812  
ENTRY DATE: Entered STN: 19900314  
Last Updated on STN: 19970203  
Entered Medline: 19781227

L2 ANSWER 517 OF 519 MEDLINE DUPLICATE 69  
ACCESSION NUMBER: 78242491 MEDLINE  
DOCUMENT NUMBER: 78242491 PubMed ID: 567227  
TITLE: Polarized monolayers formed by epithelial cells on a  
permeable and translucent support.  
AUTHOR: Cereijido M; Robbins E S; Dolan W J; Rotunno C A; Sabatini  
D D  
SOURCE: JOURNAL OF CELL BIOLOGY, (1978 Jun) 77 (3) 853-80.

Journal code: 0375356. ISSN: 0021-9525.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 197810  
ENTRY DATE: Entered STN: 19900314  
Last Updated on STN: 19900314  
Entered Medline: 19781027  
  
L2 ANSWER 518 OF 519 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1973-516537 CAPLUS  
DOCUMENT NUMBER: 79-116537  
TITLE: Apparatus for \*\*\*transporting\*\*\* a magnesium  
\*\*\*chloride\*\*\* melt  
INVENTOR(S): Zuev, N. M.; Ivanov, A. B.; Vukolov, V. V.; Sharunova,  
G. M.; Kashkarov, A. Z.; Golubev, A. A.; Kirilenko, I.  
S.; Donskikh, P. A.; Nevmerzhtskii, N. S.; et al.  
PATENT ASSIGNEE(S): All-Union Scientific-research and Design Institute of  
the Aluminum, Magnesium, and Electrode Industry;  
Berezniki Titanium-Magnesium Combine  
U.S.S.R. From: Otkrytiya, Izobret., Prom. Obraztsy,  
Tovarnye Znaki 1973, 50(19), 66-7.  
CODEN: URXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Russian  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SU 378516	T	19730418	SU 1969-1386449	19691216

PRIORITY APPLN. INFO.: SU 1969-1386449 19691216

L2 ANSWER 519 OF 519 WPIDS (C) 2003 THOMSON DERWENT  
ACCESSION NUMBER: 1968-60491P [00] WPIDS  
TITLE: Impervious ventilated egg packages.  
DERWENT CLASS: A00  
PATENT ASSIGNEE(S): (HOLG) HOLDING ALIMENTAIRE SA  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
CA 732938	A		(196800)*		

PRIORITY APPLN. INFO: DE 1962-A400325 19620530